



Go math grade 6 answers chapter 2

2-5help_a_pdf File size: 163 kbFile type: pdfDownload File 2-5help_b_pdf File size: 180 kbFile type: pdfDownload File response: \(\frac{1}{2}\) Explanation: 95.5 95.5 is 95 and 5 decimalth = \(\frac{5}{10}\) Simplify using GCF. 5 and 10 GCF are 10. Divide the counter and denominator by 10 \(\frac{5 ÷ 10}{10 ÷ 10}\) = \(\frac{1}{2}\) question 2. 0.6 \(\frac{\]{\D}\) Answer: \(\frac{3}{5}\) Explanation: 0.6 6 decimal = \(\frac{6}{10}\) Simplify GCF usage. GCF 6 and 10 are 2. Divide the counter and denominator by 10 \(\frac{3}{5}\) question 3. 5.75 _____ \(\frac{3}{4}\) Explanation: 5.75 is 5 and 75 hundred. 75 GCF. 75 and 100 GCF are 25. Split the counter and denominator by 25 $\frac{100 \div 25}{00 \div 25} = 5(\frac{3}{4})$ Write as a decimal number. 0 + 0,875 Callout: Use the division to rename the fraction as decimal. 7/8 = 0.875 Dalmen has 3 decimal points. Add the full number to the decimal number. 0 + 0,875 Callout: Use the division to rename the fraction as decimal. 7/8 = 0.875 Dalmen has 3 decimal points. Add the full number to the decimal number. 0 + 0,875 Callout: Use the division to rename the fraction as decimal. 7/8 = 0.875 Dalmen has 3 decimal points. = 0,875. So \ \(\frac{7}{8}\) = 0.875 Question 5. \(\frac{13}{20}\) = 0.65 Callout: Use the division to rename the fraction as a decimal places. Add the full number to the decimal number. 0 + 0,65 = 0,65. So \ \(\frac{13}{20}\) = 0.65 Question 6. \(\frac{3}{25}\) Answer: 0.12 Callout: Use the division to rename the fraction as a decimal places. Add the full number to the decimal number. 0 + 0,65 = 0,65. So \ \(\frac{13}{20}\) = 0.65 Question 6. \(\frac{3}{25}\) Answer: 0.12 Callout: Use the division to rename the fraction as a decimal places. Add the full number to the decimal number. 0 + 0,65 = 0,65. So \ \(\frac{13}{20}\) = 0.65 Question 6. \(\frac{3}{25}\) Answer: 0.12 Callout: Use the division to rename the fraction as a decimal places. Add the full number to the decimal number. 0 + 0,65 = 0,65. So \ \(\frac{13}{20}\) = 0.65 Question 6. \(\frac{3}{25}\) Answer: 0.12 Callout: Use the division to rename the fraction as a decimal places. Add the full number to the decimal number. 0 + 0,65 = 0,65. So \ \(\frac{13}{20}\) = 0.65 Question 6. \(\frac{3}{25}\) Answer: 0.12 Callout: Use the division to rename the fraction as a decimal places. Add the full number to the decimal number. 0 + 0,65 = 0,65. So \\(\frac{13}{20}\) = 0.65 Question 6. \(\frac{3}{25}\) Answer: 0.12 Callout: Use the division to rename the fraction as a decimal places. Add the full number to the decimal number. 0 + 0,65 = 0,65. So \\(\frac{13}{20}\) = 0.65 Question 6. \(\frac{13}{20}\) = division to rename the fraction as a decimal. $(\frac{3}{25}) = 0.12$ Dalmens has 2 decimal places. Add the full number to the decimal number in the simplest form. On question seven. 0.27 $(\frac{3}{25}) = 0.12$ write your own as a fraction or as a mixed number in the simplest form. On question seven. 0.27 $(\frac{1}{10})$ Answer: $(\frac{1}{10}) = 0.12$ balanation: 0.27 is 0 and 27 hundred. 27 hundredthths = \\\frac{27}{100}\) Simplify using GCF. 27 and 100 GCF are 1. Divide the counter and denominator by 1 \\\frac{27 + 1}{100 + 1}} = \\\frac{11}{200}} Explanation: 0.055 is 0 and 55 decimal. 55-thousandth = \\\frac{55}{1000}} Simplify using GCF. 55 and 1000 GCF are 5. Split the counter and denominator from question 5 \(\frac{55 ÷ 5}{1000 ÷ 5}\) = \(\frac{11}{200}\) 9. 2.45 \(\frac{9}{20}\) Explanation: 2.45 is 2 and 45 hundred. 45 hundr Ouestion 10: \(\frac{3}{8}\) Answer: 0.375 Callout: Use the division to rename the fraction as a decimal. = 0.375 Dalse contains 3 decimal places. Add the full number to the decimal number. 0 + 0,375 0,375 0.375. Thus, \(\frac{3}{8}\) = 0.375 Question 11. 3 \(\frac{1}{5}\) Answer: 3.2 Callout: Use the division to rename the fraction as a decimal. $(\frac{1}{5}) = 0.2$ Dalse is a decimal number. Add the full number to the decimal number. 3 + 0.2 = 3.2. Thus, $3 (\frac{1}{5}) = 3.2$ Question 12. $2 (\frac{1}{5}) = 3.2$ Question 12. $2 (\frac{1}{20}) = 0.55$ Dalmens has 2 decimal places. Add the full number to the decimal number. 2 + 0.55 = 0.55 Dalmens has 2 decimal places. Add the full number to the decimal number. 2 + 0.55 = 0.55 Dalmens has 2 decimal places. Add the full number to the decimal number. 2 + 0.55 = 0.55 Dalmens has 2 decimal number. 3 + 0.2 = 3.2. Thus, $3 (\frac{1}{5}) = 3.2$ Question 12. $2 (\frac{1}{5}) = 0.55$ Dalmens has 2 decimal places. Add the full number to the decimal number. 2 + 0.55 = 0.55 Dalmens has 2 decimal number. 2 + 0.55 = 0.55 Dalmens has 2 decimal places. Add the full number to the decimal number. 2 + 0.55 = 0.55 Dalmens has 2 decimal places. 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Add the full number to the decimal number. 2 + 0.55 = 0.55 Dalmens has 2 decimal number. 2 + 0.55 = 0.55 Dalmens has 2 decimal number. 2 + 0.55 = 0.55 Dalmens has 2 decimal number. 2 + 0.55 = 0.55 Dalmens has 2 decimal number. 2 + 0.55 = 0.55 Dalmens has 2 decimal number. 2 + 0.55 = 0.55 Dalmens has 2 decimal number. 2 + 0.55 = 0.55 Dalmens has 2 decimal number. 2 + 0.55 = 0.55 Dalmens has 2 decimal number. 2 + 0.55 = 0.55 Dalmens has 2 decimal number. 2 + 0.55 = 0.55 Dalmens has 2 decimal number 2,55. So, 2 \(\frac{11}{20}\) = 2.55 Set decimal and fraction of the simplest form point. Question 13: A point Type below: Answer: 0.2 Question 14. Point B Type below: Answer: 0.9 Explanation: Point B is between 0.8 and 1.0. Each point is separated by 0.1. Thus, point B is question 0.9. Point C Type below: Answer: 0.5 Answer: 0.1 Explanation: Point D is 0 to 0.2. Each point is separated by 0.1. Thus, Point D is 0.1 Problem Solving + Applications - Page 72 Use table 17 and 18. Question 17: Members of the Ozark Trail Hiking Club Explanation: Point C is between 0.4 and 0.6. Each point is separated by 0.1. Thus, point C is question 0.5 16. Point D Type below: grew up in a steep section of the trail in June and July. The table shows how the club members distanced themselves by miles. Write Mary's July distance as a decimal distance. _____ miles Answer: 2,625 miles Explanation: Maria July distance = 2 \(\frac{5}{8}\) Use sharing to rename fractional as decimal. \(\frac{5}{8}\) = 0.625 Dalmens has 3 decimal places. Add the full number to the decimal number. 2 + 0,625 = 2,625. 2 \(\frac{5}{8}\) = question 2.625 18. How much further did Zoey hike in June and July? Explain how you found the answer: 1.2 miles Explanation: Mary: June = 2.95, July = 2 \(\frac{5}{8}\) = 2.58 Zoey: June = 2.85, July = 3 \(\frac{3}{8}\) = 0.58 Zoey: June = 2.85, July = 3 \(\frac{3}{8}\) = 0.58 Zoey: June = 2.95, July = 2 \(\frac{5}{8}\) = 2.58 Zoey: June = 2.85, July = 3 \(\frac{3}{8}\) = 0.58 Zoey: June = 2.85, July = 3 \(\frac{3}{8}\) = 0.58 Zoey: June = 2.85, July = 3 \(\frac{3}{8}\) = 0.58 Zoey: June = 2.95, July = 2 \(\frac{5}{8}\) = 0.58 Zoey: June = 2.85, July = 3 \(\frac{3}{8}\) = 0.58 Zoey: June = 2.85, July = 3 \(\frac{3}{8}\) = 0.58 Zoey: June = 2.95, July = 3 \(\frac{5}{8}\) = 0.58 Zoey: June = 2.95, July = 3 \(\frac{5}{8}\) = 0.58 Zoey: June = 2.85, July = 3 \(\frac{3}{8}\) = 0.58 Zoey: June = 2.85, July = 3 \(\frac{3}{8}\) = 0.58 Zoey: June = 2.95, July = 3 \(\frac{5}{8}\) = 0.58 Zoey: June = 2.85, July = 3 \(\frac{5}{8}\) = 0.58 Zoe 3.38 [2.85 + 3.38] – [2.95 + 2.58] = 0.7 mile Question 19. What is an error? Tabitha's pedestrian distance in July was 2\(\frac{1}{5}\) miles. She wrote a distance of 2.02 miles. What mistake did she make? Type below: ____ Answer: Tabitha's pedestrian distance in July was 2\(\frac{1}{5}\) miles. 2 \(\frac{1}{5}\) Use sharing to rename a fraction as decimal. \(\frac{1}{5}\) = 0.2 Dalse is a decimal number. Add the full number to the decimal number. 2 + 0,2 = 2,2. 2 \(\frac{1}{5}\) = 2.2 It wrote a distance of as 2.02 miles by mistake. Question 20: Use the Writing \(\frac{3}{8}, \frac{4}{8}, \text { and } \frac{5}{8}\) patterns as decimals. What model do you see? Use a template predict decimal \(\frac{6}{8}\) and \ Answer: \(\frac{3}{8}, \frac{4}{8}, \text { and } \frac{5}{8}\) as decimal numbers. 0.375, 0.5, 0.625 Each decimal is separated 0.125. Thus, 6/8 = 0.625 + 0.125 = 0.75 7/8 = 0.75 + 0.125 = 0.875 21. Set the decimal number and fraction to the simplest comma shape. Type below: (\frac{7}{8}\). Type below: Answer: Point A: 0.5 Point B: $(\frac{13}{25})$ Explanation: 0.52 0.52 is 52 hundred. 52 hundred. 52 hundred. 2 hundred. 2 hundred. 2 hundred. 100 GCF are 4. Divide the counter and denominator by 4 $(\frac{13}{25})$ question 2. 0.02 $(\frac{13}{25})$ Explanation: 0.52 0.52 is 52 hundred. 2 hundred. 2 hundred. 2 hundred. 100 GCF are 4. Divide the counter and denominator by 4 $(\frac{13}{25})$ question 2. 0.02 $(\frac{13}{25})$ Explanation: 0.52 0.52 is 52 hundred. 2 hundred. 2 hundred. 2 hundred. 100 GCF are 4. Divide the counter and denominator by 4 $(\frac{13}{25})$ question 2. 0.02 $(\frac{13}{25})$ and 100 GCF are 4. Divide the counter and denominator by 4 $(\frac{13}{25})$ question 2. 0.02 $(\frac{13}{25})$ and 100 GCF are 4. Divide the counter and denominator by 4 $(\frac{13}{25})$ question 2. 0.02 $(\frac{13}{25})$ and 100 GCF are 4. Divide the counter and denominator by 4 $(\frac{13}{25})$ question 2. 0.02 $(\frac{13}{25})$ and 100 GCF are 4. Divide the counter and denominator by 4 $(\frac{13}{25})$ question 2. 0.02 $(\frac{13}{25})$ and 100 GCF are 4. Divide the counter and denominator by 4 $(\frac{13}{25})$ question 2. 0.02 $(\frac{13}{25})$ question 2. 0 and 100 GCF are 2. Split the counter and denominator from question 2 \(\frac{2 ÷ 2}{100 ÷ 2}) = \(\frac{1}{50}} 3. 4.8 ____ \(\frac{4}{5}) Explanation: 4.8 4.8 is 4 and 8th decimal. 8 decimalth = \(\frac{8}{10}) Simplify using GCF. GCF 8 and 10 are 2. Split the counter and denominator from question 2 \(\frac{8 ÷ 2}{10 ÷ 2}) = \(\frac{4}{5}}) Explanation: 4.8 4.8 is 4 and 8th decimal. 8 decimalth = \(\frac{8}{10}) Simplify using GCF. GCF 8 and 10 are 2. Split the counter and denominator from question 2 \(\frac{8 ÷ 2}{10 ÷ 2}) = \(\frac{4}{5}) = \(\frac{4}{5}) $(\frac{1}{40})$ Answer: $(\frac{1}{40})$ Explanation: 6025 is 6 and 25 thousandths. 25-thousandth = $(\frac{25}{1000})$ Simplify using GCF. 25 and 1000 GCF are 25. Split the counter and denominator by 25 $(\frac{125}{1000})$ = $(\frac{125}{1000})$ Write as decimal. On the fifth question. $(\frac{17}{25})$ Answer: 0.68 Callout: {5}\) 4. 6.025 Use the division to rename the fraction as a decimal number. 17/25 = 0.68 Dalmens has 2 decimal points. Add the full number to the decimal degrees. Add the full number to the decimal number. 0 + 0.55 = 0.55. So $\langle (\frac{13}{20}) = 0.65$ Dalse contains 2 decimal number. 4 + 0.65 = 4.65. So $4 \langle \frac{13}{20} = 0.65$ Dalse contains 2 decimal number. 4 + 0.65 = 4.65. So $4 \langle \frac{13}{20} = 0.65$ Dalse contains 2 decimal number. 4 + 0.65 = 4.65. So $4 \langle \frac{13}{20} = 0.65$ Dalse contains 2 decimal number. 4 + 0.65 = 4.65. So $4 \langle \frac{13}{20} = 0.65$ Dalse contains 2 decimal number. 4 + 0.65 = 4.65. So $4 \langle \frac{13}{20} = 0.65$ Dalse contains 2 decimal number. 4 + 0.65 = 4.65. So $4 \langle \frac{13}{20} = 0.65$ Dalse contains 2 decimal number. 4 + 0.65 = 4.65. So $4 \langle \frac{13}{20} = 0.65$ Dalse contains 2 decimal number. 4 + 0.65 = 4.65. So $4 \langle \frac{13}{20} = 0.65$ Dalse contains 2 decimal number. 4 + 0.65 = 4.65. So $4 \langle \frac{13}{20} = 0.65$ Dalse contains 2 decimal number. 4 + 0.65 = 4.65. So $4 \langle \frac{13}{20} = 0.65$ Dalse contains 2 decimal number. 4 + 0.65 = 4.65. So $4 \langle \frac{13}{20} = 0.65$ Dalse contains 2 decimal number. 4 + 0.65 = 4.65. So $4 \langle \frac{13}{20} = 0.65$ Dalse contains 2 decimal number. 4 + 0.65 = 4.65. So $4 \langle \frac{13}{20} = 0.65$ Dalse contains 2 decimal number. 4 + 0.65 = 4.65. So $4 \langle \frac{13}{20} = 0.65$ Dalse contains 2 decimal number. 4 + 0.65 = 4.65. So $4 \langle \frac{13}{20} = 0.65$ Dalse contains 2 decimal number. 4 + 0.65 = 4.65. So $4 \langle \frac{13}{20} = 0.65$ Dalse contains 2 decimal number. 4 + 0.65 = 4.65. So $4 \langle \frac{13}{20} = 0.65$ Dalse contains 2 decimal number. 4 + 0.65 = 4.65. So $4 \langle \frac{13}{20} = 0.65$ Dalse contains 2 decimal number. 4 + 0.65 = 4.65. So $4 \langle \frac{13}{20} = 0.65$ Dalse contains 2 decimal number. 4 + 0.65 = 4.65. So $4 \langle \frac{13}{20} = 0.65$ Dalse contains 2 decimal number. 4 + 0.65 = 4.65. So $4 \langle \frac{13}{20} = 0.65$ Dalse contains 2 decimal number. 4 + 0.65 = 4.65. So $4 \langle \frac{13}{20} = 0.65$ Dalse contains 2 decimal number. 4 + 0.65 = 4.65. So $4 \langle \frac{13}{20} = 0.65$ Dalse contains 2 decimal number. 4 + 0.65 = 4.65. So $4 \langle \frac{13}{20} = 0.65$ Dalse contains 2 decimal number. 4 + 0.65 = 4.65. So $4 \langle \frac{13}{20} = 0.65$ Dalse contains \(\frac{3}{8}\) Answer: 7.375 Callout: Use the division to rename fractional as a decimal number. (\frac{3}{8}\) = 0.375 Dalse contains 3 decimal number. 7 + 0.375 = 7,375. So 7 \(\frac{3}{8}\) = 7.375 Set Decimal and fraction or mixed numbers in the simplest form for each point. On the fourth question. A point Answer: 1.9 Explanation: Point D is between 1.5 and 2. Each point is separated by 0.1. Thus, point D is guestion 1.9 11. Point C Type below: Answer: 0.4 Explanation: Point A is between 0 and 0.5. Each of the separated by 0,1. Thus, point A is question 0.4 10. Point D Type below: Type below: Answer: Explanation 1.2: Point C is 1 to 1.5. Each point is separated by 0.1. Thus, point C is question 1.2 12. Point B Type below: Answer: 0625 _ Answer: 0.6 Explanation: Point C is between 0.5 and 1. Each point is separated by 0.1. Thus, point C is 0.6 Problem Solving issue 13. Grace sold his stamp collection \(\frac{5}{8}\). What is this amount as decimal? Explanation: Grace sold \(\frac{5}{8}\) = 0.625 Dalmens has 3 decimal number to the decimal number to the test? What part of the test did you answer correctly in the simplest form? \(\frac{1}{5}) Callout: 0.80 is 0 and 8th. 8 decimalth = \(\frac{8 + 2}{10 + 2}) = \(\frac{4}{5}) question 15. What is the simplest fraction equivalent to 0.45? What decimal is \(\frac{17}{20})? Explain how you found the Answer: 0.45 is 0 and 45 hundredths. 45 hundred = \(\frac{45}{100}) Simplify using GCF. 45 and 100 GCF are 5. Split the counter and denominator from 5 \(\frac{45}{20}\) + \(\frac{17}{20}\) Use the division to rename the fraction as a decimal number. \(\frac{17}{20}\) = 0.85 Dalmens has 2 decimal number. answers. Enter below: places. Add the full number to the decimal number. 0 + 0.85 = 0.85. Thus, \(\frac{17}{20}\) = 0.85 Lesson Check – Page No 74 Question 1. After the storm, Michael measured 6 \(\frac{7}{8}\) inches of snow. What is this amount as decimal? ______ inch Answer: 6,875 inch Explanation: Michael measured 6 \(\frac{7}{8}\) inches of snow. Use the division to rename the fraction as decimal. \(\frac{7}{8}\) = 0.875 Dalse contains 3 decimal places. Add the full number to the second question. The recipe requires 3.75 cups of flour. What is this amount as a mixed number in the simplest form? $(\frac{2}{2}) cups Answer: 3 (\frac{3}{4}) cups$ Explanation: The recipe requires 3.75 cups of flour. 3 + 0.75 0.75 is 0 and 75 hundred. 75 hundred. 75 hundred. 75 hundred. 75 + 25}{100 ÷ 25}) = 3 (\frac{3}{4}) 3-spiral preview question. Gina bought 2.3 pounds of red apple and 2.42 pounds of green green They were sold for \$0.75 a pound. How much did apples cost in general? \$_____ Answer: \$3.54 Explanation: Gina bought 2.3 pounds of red apples and 2.42 pounds of red apples. They were sold for \$0.75 x 2.3 = 1.725 \$0.75 x 2.42 = 1.815 1725 + 1.815 = 3.54 So apples cost \$3.54 question 4. Ken has 4.66 pounds of walnuts, 2.1 pounds of cashews and 8 pounds of peanuts. He mixes them together and divides them equally between 18 bags. How many pounds of nuts are in each bag? _____ pounds of walnuts, 2.1 pounds cashews and 8 pounds of peanuts. 4.66 + 2.1 + 8 = 14.76 He mixes them and distributes them equally between 18 bags. 14.76/18 = 0.82 Question 5. Mia needs to separate 270 blue pens and 180 red pens into packages. Each pack? Type below: Answer Each pack contains 2 red pens and 3 blue pens. Explanation: Mia needs to separate 270 blue pens and 180 red pens by the total number of packages it can make is 90. Divide the total number of packages it can make is 90. Divide the total number of packages it can make is 90. Divide the total number of packages. packages. 270/90 = 3 Each pack contains 2 red pens and 3 blue pens. On question six. Evan buys 19 pipe watercolor paint for \$50.35. What is the price of each paint pipe? \$______ Answer: \$2.65 Explanation: Evan buys 19 pipe watercolor paint for \$50.35. \$50.35/19 = \$2.65 Share & amp; Show - Page No. 77 Order from minimum to maximum. On the first _ Answer: 2 \(\frac{9}{10}\) < 3 \(\frac{3}{6}\) < 3 \(\frac{5}{8}\) Explanation: \(3 \frac{3}{6}, 3 \frac{5}{8}, 2 \c fra{9}{10}\) Compare all numbers first. 2 < 3 If all numbers are the same, compare the fractions. 3 \(\frac{3}{6}\), 3 \(\frac{5}{8}\) 6 and 8 are multiples of 48. Thus, 48 is the question. \(3 \frac{3}{6}, 3 \frac{5}{8}, 2 \frac{9}{10}\) Type below: common denominator. 3 \(\frac{3 x 8}{6 x 8}\) = 3 \(\frac{24}{48}\), 3 \(\frac{5 x 6}{8 x 6}\) = 3 \(\frac{30}{48}\) & lt; 3 \(\frac{30}{48}\) & lt Explanation: Write a decimal form \(\frac{4}{12}\) = 0.3333 0.8 > 0.333 So 0.8 < latex]\frac{4}{12}[/latex] question 3. 0.22 < \(\frac{1}{4}\) = 0.25 0.22 < \(\frac{1}{4}\) question 4. \(\frac{1}{20}\) < 0.06 Callout: Write decimal form \(\frac{1}{4}\) = 0.25 0.22 < 0.25 So 0.22 < \(\frac{1}{4}\) question 4. \(\frac{1}{20}\) < 0.06 Callout: Write decimal form \(\frac{1}{4}\) = 0.25 0.22 < 0.25 So 0.22 < (\frac{1}{4}\) question 4. \(\frac{1}{20}\) < 0.06 Callout: Write decimal from \(\frac{1}{4}\) = 0.25 0.22 < (\frac{1}{4}\) question 4. \(\frac{1}{20}\) = 0.3333 0.8 > 0.333 So 0.8 > 0.333 So 0.8 < latex]\frac{4}{12}[/latex] question 3. 0.22 < (\frac{1}{4}\) = 0.25 0.22 < (\frac{1}{4}\) question 4. \(\frac{1}{20}\) = 0.3333 0.8 > 0.333 So 0 (\frac{1}{20}\) = 0.05 0.05 < 0.06 So \ (\frac{1}{20}\) < 0.06 Use a string of numbers that range from minimum to largest. On the fifth question. \(1 \frac{4}{5}, 1.25, 1 \frac{1}{10}\) Type below: Answer: 1\(\frac{1}{10}\), 1.25, 1\(\frac{4}{5}\) Explanation: Write decimal form 1\(\frac{4}{5}\) = 1.8 Write decimal form 1\(\frac{1}{10}\) = 1.1 1.8, 1.25, 1.1 Find each decimal number number number in a row. So, from the minimum to the largest, the order is 1.1, 1.25, 1.8 1\(\frac{1}{10}\), 1.25, 1\(\frac{4}{5}\) on your own order from minimum to maximum. On question six. 0.6, \(\frac{4}{5}\), 0.75 Type below: Answer: 0.6, 0.75, \(\frac{4}{5}\) Explanation: Write decimals \(\frac{4}{5}\) = 0.8 0.6, 0.8, 0.75 Compare decimals. Everyone is equal. Compare the decimal places: 6 < 7 < 8 So, at least to the maximum, the order is 0.6, 0.75, 0.8 So, question 0.6, 0.75, \(\frac{4}{5}\) 7. \(\frac{1}{2}\), \(\frac{1}{2}\), \(\frac{7}{15}\) Type below: Answer: \(\frac{2}{5}\), \(\frac{7}{15}\), \(\frac{1}{2}\) Callout: Write decimal form \(\frac{1}{2}\) = 0,5 Write decimal form \(\frac{2}{5}\) = 0.4 Write decimal form \(\frac{1}{2}\) = 0.4 Write decimal form \(\frac{1}{2}\), \(\frac{1}{2}\), = 0.466 0.5, 0.4, 0.466 Compare decimal fraction. Everyone is equal. Compare tenth: 4 & lt; 5 Compare tenth: 4 & lt; 6 Thus, \(\frac{1}{2}\), (\frac{1}{2}\), ({9})) Type below: Answer: 5.05, 5 \(\frac{1}{2}\), 5 \(\frac{1}{2}\), 5 \(\frac{5}{9}\) Explanation: Write decimal form 5 \(\frac{1}{2}\) = 5.5 Write Decimal 5 \(\frac{5}{9}\) = 5.555 Compare tenths: 0 & lt; 5 Compare tenths: 0 & lt; 5 Compare hundreds 5.5 and 5.55; 0 & lt; 5 So from minimum to maximum that is 5,05 & lt; 5,5 & lt; 5,5 Thus, 5.05, 5 \(\frac{1}{2}\), 5 \(\frac{5}{9}\) question 9. \(\frac{5}{7}\), \(\frac{5}{6}\), \(\frac{5}{12}\) Enter below: _____ _ Answer: \(\frac{5}{12}\), \(\frac{5}{7}\), \\), \\), \\, \(\frac{5}{6}\) Callout: \(\frac{5}{6}\), \(\frac{5}{6}\), \(\frac{5}{12}\) To compare fractions with the same counters, compare denominators. So, from the minimum to the largest, the order is \(\frac{5}{6}\), \(\frac{5}{12}\) $(\frac{7}{10})$ Answer: $(\frac{7}{10})$ and $(\frac{7}{10})$ and {12}\), \(\frac{5}{7}\), \(\frac{5}{6}\) question 10. \(\frac{7}{15}\) decimal form = 0.125 0.125 = question 0.125 Question 12. 7 \(\frac{1}{3}\) > 6 \(\frac{2}{3}\) Answer: 7 \(\frac{1}{3}\) > 6 \(\frac{2}{3}\) Explanation: Compare all numbers first >. So, question 7 \(\frac{1}{3}\) > 6 \(\frac{2}{5}\) & lt; 1 \(\frac{2}{3}\) & gt; 6 \(\frac{2}{5}\) & lt; 1 \(\frac{2}{5}\) 1\ $(\frac{7}{15})$ for which are multiples of 15. Thus, $(\frac{7}{15})$ and $(\frac{7}$ spent 3 \(\frac{2}{5}\) hours at the project school. Jan spent 3 \(\frac{1}{4}\) hours and Maeve spent 3.7 hours on the project. Who spent the least amount of time? Show me how you found the answer. Then describe the next possible method. Type below: ______ Answer: Jan spent the least amount of time. Explanation: Darrell spent 3 \(\frac{2}{5}\) hours at the project school. Jan spent $3 \left(\frac{1}{4}\right)$ hours and Maeve spent 3.7 hours on the project. Write decimal form $3 \left(\frac{1}{4}\right) = 3.25 3.4, 3.25, 3.7 3.25$ is the lowest. So, Jan spent the least amount of time. Troubleshooting + Programs - Page 78 Use table 15-18. Question 15: In one week, Altoona, PA, and Bethlehem, PA, received snow every day, Monday to Friday. What days did Altoona receive more than 0.1 inches more snow than Bethlehem? Enter below: ______ Answer: Altoona received more than 1 inch more snow than Bethlehem on Friday Explanation: Altoona (converted to decimal): 2.25, 3.25, 2625, 4.6, 4.75 Bethlehem: 2.6, 3.2, 2.5, 4.8, 2.7 Altoona received more than 1 inch more snow than Bethlehem on Friday at 16. What if Altoona got an extra 0.3 inches of snow on Thursday? How does the total amount of snow in Altoona compare to the amount received in Bethlehem that day? Type below: Answer: Altoona received 0.1 inches more snow than Bethlehem on Thursday

Explanation: Altoona received an additional 0.3 inches of snow on Thursday = 4.6 + 0.3 = 4.9 Bethlehem received Thursday issue 17. Explain two ways you could compare snow totals in Altoona and Bethlehem on Monday. Type below: Answer: Explanation: Altoona received Monday = 2.25 Bethlehem received on Monday = 2.6 Bethlehem received 0.35 inches more snow than Altoona on Monday. Because all numbers are equal to compare to Bethlehem on Monday. Because all numbers are equal to compare to Bethlehem on Monday. Answer: Altoona received Thursday = 4.6 Altoona received friday = 4.75 4.6 < 4.75 Altoona received less snow on Thursday compared to Friday. Question 19: Write that from the minimum to the largest. Type below: Answer: 1/3, 0.39, 2/5, 0.45 Explanation: 1/3 = 0.333 0.45 0.45 2/5 = 0.4 Compare tenth: 3 < 4 Type below: __ \(\frac{7}{10}\) Answer: 0.64 < \(\frac{7}{10}\) Explanation: Write the decimal form of \(\frac{7}{10}\) = 0.7 Compare tenths: 6 < 7 So, 0.64 < 0.7 0.64 < \(\frac{7}{10}\) Question Compare 100: 0.33 < 0.39 0.4 < 0.45 Thus, 1/3, 0.39, 2/5, 0.45 Compare and order fractions and decimals – Page No. 79 Post <, >, =. On the first question. 0.64 ____ $(\frac{15})$ Answer: 0.48 > $(\frac{15})$ Explanation: Write the decimal form of $(\frac{15})$ = 0.4 Compare hundredths: 0.48 > $(\frac{15})$ Answer: 0.75 < $(\frac{15})$ Explanation: Write the decimal form of $(\frac{15}{15})$ = 0.875 Compare tenths: 7 < 8 0.75 < $(\frac{15}{15})$ Answer: 0.75 < $(\frac{15}{15})$ Explanation: Write the decimal form of $(\frac{15}{15})$ = 0.4 Compare tenths: 7 < 8 0.75 < $(\frac{15}{15})$ Answer: 0.75 < $(\frac{15}{15})$ Explanation: Write the decimal form of $(\frac{15}{15})$ = 0.875 Compare tenths: 7 < 8 0.75 < $(\frac{15}{15})$ Answer: 0.75 < $(\frac{15}{15})$ = 0.4 Compare tenths: 7 < 8 0.75 < $(\frac{15}{15})$ = 0.4 Compare tenths: 7 < 8 0.75 < $(\frac{15}{15})$ Answer: 0.75 < $(\frac{15}{15})$ = 0.875 Compare tenths: 7 < 8 0.75 < $(\frac{15}{15})$ 2. 0.48 ____7.025 Answer: 7 \(\frac{1}{8}\) > 7.025 Explanation: Write the decimal form of 7 \(\frac{1}{8}\) = 7.125 Compare tenths: 1 > 0 7 \(\frac{1}{8}\) > 7.025 Order from least to greatest. On the fifth question. \(\frac{7}{15}\), 0.75, \(\frac{5}{6}\) Type below: _ fra{7}{8}) 4.7 \(\frac{1}{8}) Answer: \(\frac{7}{15}\), 0.75, \(\frac{5}{6}\) Explanation: Answer: 0.41, 0.5, $(\frac{3}{5})$ Explanation: Write the decimal form $(\frac{3}{5}) = 0.6$ Compare decimals: 0.41, 0.5, 0.6 Order from Write the decimal form \(\frac{7}{15}\) = 0.466 0.75 Write decimal form \(\frac{5}{6}\) = 0.833 Order from minimum to maximum: \(\frac{7}{15}\), 0.75, \(\frac{5}{6}\) Question 6. 0.5, 0.41, \(\frac{3}{5}\) Enter below: Answer: 3.25, 3 \(\frac{2}{5}\), 3 \(\frac{3}{8}\) Explanation: Write decimal form 3 \(\frac{2}{5}\) = 3.4 Write decimal form 3 \(\frac{3}{8}\) = 3.375 Compare decimal places: Order from minimum to maximum: 3.25, 3 \(\frac{2}{5}\), question 3 \ minimum to maximum: question 0.41, 0.5, \(\frac{3}{5}\) 7. 3.25, 3 \(\frac{2}{5}\), 3 \(\frac{3}{8}\) Enter below: ____ (\frac{3}{8}\) 8. 0.9, \(\frac{8}{9}\), 0.86 Type below: Answer: 0.86, $(\frac{8}{9}), 0.9$ Callout: Write decimal form $(\frac{8}{9}), 0.9$ Created form largest to smallest. On the fourth question. 0.7, $(\frac{7}{8}), (\frac{7}{8}), 0.9$ Created form largest to smallest. On the fourth question. 0.7, $(\frac{7}{8}), 0.9$ Created form largest to smallest. On the fourth question. 0.7, $(\frac{7}{8}), 0.9$ Created form largest to smallest. On the fourth question. 0.7, $(\frac{7}{8}), 0.9$ Created form largest to smallest. On the fourth question. 0.7, $(\frac{7}{8}), 0.9$ Created form largest to smallest. On the fourth question. 0.7, $(\frac{7}{8}), 0.9$ Created form largest to smallest. On the fourth question. 0.7, $(\frac{7}{8}), 0.9$ Created form largest to small form $(\frac{7}{8}), 0.9$ Created form largest to small form $(\frac{7}{8}), 0.9$ Created form largest to small form $(\frac{7}{8}), 0.9$ Created fo Answer \(\frac{7}{8}\), \(\frac{7}{9}\), 0.7 Callout: 0.7 = 7/10 To compare denominators to compare fractions with the same counters. 7/10, 7/9, 7/8 Maximum order: 7/8, 7/9, 7/10 Question 10. 0.2, 0.19, \(\frac{3}{5}\) Enter below: Answer: \(\frac{3}{5}\), 0.2, 0.19 Explanation: Write decimal form \(\frac{3}{5}\) = 0.6 Compare Decimals: 0.6, 0.2, 0.19 Order from highest \(\frac{3}{5}\), question 0.2, 0.19 Question 11. 6\(\frac{1}{20}\), 6.1, 6.07 Type below: ____ Answer: Explanation: Write decimal form 6\(\frac{1}{20}\) = 121/20 = 6.05 Compare decimal places: 6.1, 6.07, 6.05 Order from maximum to minimum: 6.1, 6.07, 6\(\frac{1}{20}\) Question 12. 2 2 2.4, 2.35, 2 \(\frac{1}{8}\) Type below: Answer: 2 \(\frac{1}{2}\), 2.4, 2.35, 2 \(\frac{1}{8}\) = 2.125 Compare decimal form 2 \(\frac{1}{8}\) = 2.125 Compare _Answer: Altoona Explanation: One day it snows 3 \(\frac{3}{8}\) inches altoona and 3.45 inches in Bethlehem. Write the decimal form 3 \(\frac{3}{8}\) = 27/8 = 3.375 3.375 < 3.45. Altoona got less snow that day in Question 14. Malia and John each bought 2 pounds of sunflower seeds. Each ate a Bethlehem. Which city got less snow that day? Answer: Malia Explanation{2}{5}s: Malia and John each bought 2 pounds of sunflower seeds{1}{3}. Everyone ate some seeds. =(\frac{1}{3}\) = 0.667 & gt; 0.6 So Malia ate more sunflower seeds question 15. Explain how you will compare the numbers 0.4 and \(\frac{3}{8}\). Enter below: few seeds{2}{5}{1}{3}. Answer: Write the decimal form \(\frac{3}{8}\) = 0.375 Compare decimalths: 0.4 > 0.375 Lesson Check – Page No 80 Question 1. Andrea has 3 \(\frac{7}{8}\) meters of pink stripes, and 3 \(\frac{4}{5}\) yards blue tape. List the numbers that range from the minimum to the largest. Type below: Answer: Andrea is 3 \(\frac{7}{8}\) meters red stripes, 3.7 yards of pink stripes, and 3 \(\frac{4}{5}\) meters blue stripe. Write the decimal form 3 \(\frac{4}{5}\) = 3.8 Minimum to maximum: 3.7, 3 \(\frac{4}{5}\), 3 \(\frac{7}{8}\) question 2. Nassim completed \(\frac{18}{25}\) math homework. Kara finished 0.7 of his. Debbie finished \(\frac{5}{8}\) on it. List the numbers that range from the largest to the less. Enter below: Answer: \$1.39, \$0.70, \$0.63 Explanation: Nassim completed \(\frac{18}{25}\) math home. Kara finished 0.7 of his. Debbie finished \(\frac{5}{8}\) on it. Write the decimal form 18/25 = 1.39 0.7 Write decimal form 5/8 = 0,63 They are now in order to range from maximum to below. Think of amounts as money: \$1.39, \$0.70, \$0.63 Spiral Review Question 3. Tyler bought 3 \(\frac{2}{5}\) pounds of orange. Figure 3 \(\frac{2}{5}\) in a number line, and write this amount using a decimal number. Type below: ____ Answer: Tyler bought $3(\frac{2}{5})$ pounds orange. Decimal form: 17/5 = 3.4 Question 4. In the factory, a baseball card is placed in every 9th pack of grain. The football card is placed in every 25th What is the first package that receives both a baseball card and a football card? Enter below: ___ Answer: Package 225 Explanation: Look for the first number that contains both 25 and 9 is a factor. 25 x 1 = 25, which is not factor 9, so it will not be 25. 25 x 2 = 50, which is not factor 9. 75 is not factor 9. (You know, because you don't get the full number when you divide 75 to 9.) 100 is not factors. This makes sense because 25 x 9 is 225. This means that the first package with both will be the 225th package. On the fifth question. \$15.30 is divided among 15 students. How much does each student receive? \$_____ Answer: \$1.02 Explanation: \$15.30 is divided among 15 students. \$15.30/15 = \$1.02 for question 6. Carrie buys a 4.16 pound apple for \$5.20. How much does it cost 1 pound? \$_____ Answer: \$1.25 Explanation: Carrie buys 4.16 pounds of apple for \$5.20. How much does it cost 1 pound? \$_____ Answer: \$1.25 Explanation: Carrie buys 4.16 pounds of apple for \$5.20. How much does it cost 1 pound? \$_____ Answer: \$1.25 Explanation: Carrie buys 4.16 pounds of apple for \$5.20. How much does it cost 1 pound? \$_____ Answer: \$1.25 Explanation: Carrie buys 4.16 pounds of apple for \$5.20. How much does it cost 1 pound? \$_____ Answer: \$1.25 Explanation: Carrie buys 4.16 pounds of apple for \$_____ Answer: \$_____ Answer: \$_____ Answer: \$_____ Answer: \$_____ Answer: \$_____ Answer: \$______ Answer: \$_____ Answer: \$___ 5.20. $(\frac{1}{3}) \times (\frac{1}{3}) \times (\frac{1$ ate 3 \(\frac{3}{4}\) bags of fruit snacks. If each bag contains 2 \(\frac{1}{2}\) ounces, how many ounces of fruit snacks did Sam and his friends eat? \(\frac{3}{4}\) x \) x \) $(\frac{5}{2}) (\frac{15 \times 5}{4 \times 2}) = (\frac{1}{2} \times 2}) =$ parentheses. \(\frac{3}{4}\) — \(\frac{1}{2}\) = \(\frac{1}{4}\) x \(\frac{1}{4}\) x \(\frac{3}{5}\) = \(\frac{3}{20}\) Question 5. \(\frac{1}{3}\) + \(\frac{1}{3}+\frac{4}{9}\) = \(\frac{1}{3}+\frac{4}{9}\) = \(\frac{1}{3}\) + \(\frac{1}{3}+\frac{4}{9}\) = \(\frac{1}{3}+\frac{4}{9}\) = \(\frac{1}{3}+\frac{1}{3}+\frac{4}{9}\) = \(\frac{1}{3}+\frac{1}{3}\) + \(\frac{1}{3}+\frac{1}{3}+\frac{1}{3}+\frac{1}{3}\) = \(\frac{1}{3}+\frac{1}{3}\) =
\(\frac{1}{3}+\frac{1}{3}+\frac{1}{3}+\frac{1}{3}+(fr are divided 3. Question 6 by \(\frac{84 ÷ 3}{9 ÷ 3}\) = \(\frac{28}{3}\). \(\frac{5}{8} \frac{7}{10}-\frac{1}{4}\) = \(\frac{35}{80}\) - \(\frac{35}{80}\) = \(\frac{1}{1}{16}\) Question 7. 3 × (\(\frac{5}{18}\) + \(\frac{1}{6}\)) + \(\frac{2}{5}\) \(\frac{2}{5}\) \(\frac{2}{5}\) + $(\frac{2}{3}) = (\frac{3}{3}) = (\frac{3$ are divided 3. Question 9 ÷ by ÷ 3]=\) = \(\frac{35}{8}\) 9. \(\frac{4}{9} \times \frac{4}{5}\) \(\frac{1}{45}\) Explanation: \(\frac{1}{45}\) = \(\frac{1}{45}\) = \(\frac{1}{45}\) Explanation: \(\frac{1}{45}\) = \(\frac{ $18 \div 2$) = \(\frac{1}{9}\). $\Box \Box$ {1}{9}{1}7} Answer: \(\frac{116}{7}\{29}{7}) = \(\frac{28}{9}\) = \(\fra cats. What part of the pet is kaliko cats? How many pets are kaliko cats? Type below: ____ ____ Answer: 60 caliphate cat Explanation: 5/6 x 90 = 450/6 = 150/2 150/2 x 4/5 = 60 13 question. Five cats each ate a \(\frac{1}{3}\) cup of cat food. How much food did nine cats eat? Type below: Answer: \(\frac{31{12}\) Explanation: $5 \times 1/4 = 5/4 4 \times 1/3 = 4/3 5/4 + 4/3 = 31/12$ Participate in precision Algebra Estimate according to transaction order. Write the answer in the simplest form. Question 14: \(\frac{1}{4}\\times\\left(\frac{3}{9}+5\right)\) \(\frac{1}{4}\\times\\left(\frac{4}{3}\) Callout: $3/9 + 5 = 16/3 1/4 \times 16/3 1 \times 16 = 16 4 \times 3 = 12 16/12$ Simplify using GCF GCF 16 and 12 is 4. The counter and denominator are divided 4. Question 15 by \(\frac{16 ÷ 4}{12 ÷ 4}\) = \(\frac{4}{3}\). \(\frac{16 ÷ 4}{12 ÷ 4}\) = \(\frac{4}{3}\). \(\frac{16 ÷ 4}{12 ÷ 4}\) = 3/10 9/10 - 3/10 = 6/10 Simplify using GCF 6 and 10 GCF is 2. The counter and denominator shall be divided 2. Question 16 by \(\frac{6 + 4}{12 ÷ 4}\) = \(\frac{1}{2} \) \(\frac{1}{2} \) \(\frac{1}{2} \) $2_{10 \div 2}$ = $(\frac{3}{5})$. $(\frac{12}{3}{7})$ answer \square ($\frac{1}{2}-3}{7}$) answer: $(\frac{12}{3}{7})$ answer \square ($\frac{12}{2}-3}{7})$ answer \square ($\frac{12}{2}-37$) answer: $(\frac{12}{2}-37)$ answer \square ($\frac{12}{2}-37$) and $\frac{12}{2}-37$) and $\frac{12}{2}-37$ ($\frac{12}{2}-37$) (\times \frac{2}{3}\). Show me your work. Type below: ____ Answer: \(\frac{1}{6}\) Callout: \(\frac{1}{4} \times \frac{2}{3}\) = \(\frac{1 X 2}{4 X 3}\) = \(\frac{1 X 2}{4 X 3}\) = \(\frac{2}{12}\) Simplify with GCF GCF 2 and 12 is 2. The counter and denominator shall be divided 2. Question 19 by \(\frac{2 ÷ 2}{12 ÷ 2}\) = \(\frac{1}{6}\). Michelle has a recipe that asks for 2 \(\frac{1}{2}\) cups of vegetable oil. It wants to use \(\frac{2}{3}\) to make oil content and use apple new to replace the rest. How many apples will it use? Type below: ____ _ Answer: \(\frac{10}{6}\) Explanation: 2 1/2 * 2/3 = 5/2 * 2/3 = 10/6 It will use 10/6 or 1 2/3 cups of vegetable oil 20 question. Cara's muffin recipe asks for 1 \(\frac{1}{2}\) cups of flour buns and \ (\frac{1}{4}\) cup flour stuffing. If she makes \(\frac{1}{2}\) the original recipe, how much flour does she use in muffins and stuffing? Enter below: _ Answer: Cara will use 1\(\frac{1}{8}\) cups of flour. Explanation: First we will find how many cups of flour need to make an original recipe. Cara uses 1 1/2 cup flour muffins and 1/4 cup flour for stuffing. So, $1 \frac{1}{2} + \frac{1}{4}$ cups of flour make the original recipe. $1 \frac{1}{2} = \frac{3}{2} \frac{3}{2} + \frac{1}{4} = \frac{7}{4}$ To make the original recipe Kara need $\frac{7}{4}$ cups of flour. If it makes $\frac{1}{2}$ times $rac{7}{8}) (\frac{1}{2} + \frac{1}{3}) = (\frac{1}{2}) Answer: (\frac{1}{8} times 20) (\frac{1}{8} times 20) (\frac{1}{8} times 20) (\frac{1}{8} times 20) (\frac{1}{2}) Answer: (\frac{1}{8} times 20) (\frac{1}{8} times 20)$ $(\frac{1 \times 20}{1 \times 8})$ ($\frac{20}{8})$ Simplify ing GCF. 20 and 8 GCF is 4. The counter and denominator are divided 4. Question 3 by ($\frac{20}{2})$. ($\frac{12}{40}$) Simplify with GCF. GCF 12 and ($\frac{12}{40}$) Simplify with GCF. GCF 12 and ($\frac{12}{40}$) Simplify with GCF. GCF 12 and ($\frac{12}{40}$) ($\frac{12}{40}$) Simplify with GCF. GCF 12 and ($\frac{12}{40}$) ($\frac{12}{40}$) ($\frac{12}{40}$) Simplify ing GCF. 20 and 8 GCF is 4. The counter and denominator are divided 4. Question 3 by ($\frac{12}{40}$) ($\frac{12}{4$ 40 are 4. The counter and denominator are divided 4. Question 4 by \(\frac{12 ÷ 4}{40 ÷ 4}) = \(\frac{3}{10}\). \(1 \frac{1}{8}\) = \(\frac{1}{8}\) Answer: \(\frac{1}{8}\) = denominator are divided 9. Question 5 by \(\frac{9 ÷ 9}{72 ÷ 9}\) = \(\frac{1}{8}\). \(\frac{1}{3} \frac{2}{5}\) \(\frac{1}{3} \frac{2}{5}\) \(\frac{1}{3} \frac{2}{5}\) \(\frac{1}{3} \frac{2}{5}\) = \(\frac{6}{60}\) Simplify with GCF. GCF 6 and 60 are 6. The counter and denominator are divided 6. Question 6 by \ $(\frac{1}{3})$ Karen raked in the yard of $\frac{3}{5}$. Minni raked $(\frac{1}{3})$ totals Karen raked. How much did minni raked 1/5 of the yard. So minni raked 3/5 out of 1/3 means 3/5 x 1/3 Multiply the counters and multiply the denominators. $(\frac{1}{3})$ totals Karen raked 1/5 of the yard. So minni raked 3/5 out of 1/3 means 3/5 x 1/3 Multiply the denominators. $(\frac{1}{3})$ totals Karen raked. How much did minni raked 1/5 of the yard. So minni raked 3/5 out of 1/3 means 3/5 x 1/3 Multiply the counters and multiply the denominators. $(\frac{1}{3})$ $(\frac{3}{15})$ Simplify with GCF. GCF 3 and 15 are 3. The counter and denominator are divided 3. Question 7 by $(\frac{1}{3})$ hogs have long hair. What part of the pet are dogs with long hair? $(\frac{1}{3})$ hogs have long hair. What part of the pet are dogs with long hair? $(\frac{1}{4})$ are dogs with long hair Explanation: $(\frac{1}{3})$ hogs have long hair. What part of the pet are dogs with long hair? shows are dogs. \(\frac{2}{3}\) dogs have long hair. \(\frac{3}{8}\) of \(\frac{2}{3}\) = \(\frac{3}{2}\) = \(\frac{1}{2}+\frac{3}{8}\) of \(\frac{2}{3}\) = \(\frac{2}{3}\) = \(\frac{2}{3}\) = \(\frac{1}{2}+\frac{3}{8}\) = \(\frac{1}{4}\) \(\frac{1}{4}\) are dogs with long hair evaluate according to the order of operations. On question 8. \(\left(\frac{1}{2}+\frac{3}{8}\) = \(\frac{3}{8}\) = \(\frac{1}{4}\) \(\frac{1}{4}\) are dogs with long hair evaluate according to the order of operations. On question 8. \(\left(\frac{1}{2}+\frac{3}{8}\) = \(\frac{1}{4}\) \(\frac{1}{4}\) are dogs with long hair evaluate according to the order of operations. On question 8. \(\left(\frac{1}{2}+\frac{3}{8}\) = \(\frac{1}{4}\) \(\frac{1}{4}\) are dogs with long hair evaluate according to the order of operations. On question 8. \(\left(\frac{1}{2}+\frac{3}{8}\) = \(\frac{1}{4}\) \(\frac{1}{4}\) are dogs with long hair evaluate according to the order of operations. On question 8. \(\left(\frac{1}{2}+\frac{3}{8}\) = \(\frac{1}{4}\) are dogs with long hair evaluate according to the order of operations. On question 8. \(\left(\frac{1}{2}+\frac{3}{8}\) = \(\frac{1}{4}\) are dogs with long hair evaluate according to the order of operations. On question 8. \(\left(\frac{1}{2}+\frac{3}{8}\) = \(\frac{1}{4}\) are dogs with long hair evaluate according to the order of operations. On question 8. \(\left(\frac{1}{2}+\frac{3}{8}\) = \(\frac{1}{4}\) are dogs with long hair evaluate according to the order of operations. On question 8. \(\left(\frac{1}{2}+\frac{3}{8}\) = \(\frac{1}{4}\) are dogs with long hair evaluate according to the order of operations. On question 8. \(\left(\frac{1}{2}+\frac{3}{8}\) = \(\frac{1}{4}\) are dogs with long hair evaluate according to the order of operations. On question 8. \(\left(\frac{1}{2}+\frac{3}{8}\) = \(\frac{1}{4}+\frac{1}{4}\) are dogs with long hair evaluate according to the order of operations. On question 8. \(\left(\frac{1}{2}+\frac{3}{8}\) = \(\frac{1}{4}+\frac{3}{8}\) are dogs with long hair eval \times 8\) Answer: 7 Callout: $1/2 + 3/8 = 7/8 7/8 \times 8 = 7 9$. \(\frac{3}{4} \times\left(1-\frac{1}{9}\right)) \(\frac{1}{8} \times \frac{1}{8} \times \frac{3}{10}\) \\ (\frac{2}{3} \) Explanation: $1 - 1/9 = 8/9 3/4 \times 8/9 = 24/36$ GCF 24 and 36 are 12. The counter and denominator are divided 12. Question 10 of \(\frac{24 ÷ 12}{36 ÷ 12}\) = \(\frac{2}{3}\). \(4 \times \frac{1}{8} \times \frac{1}{8} \times \frac{3}{10}\) $(\frac{12}{3})$ Answer: $(\frac{12 \div 4}{80 \div 4})$ = Question 11: $(6 \times 1 \times 3)$
Lenominators. $(\frac{12}{3})$ Simplify with GCF. GCF 12 and 80 is 4. The counter and denominator are divided 4. $(\frac{12 \div 4}{80 \div 4})$ = Question 11: $(6 \times 1 \times 3)$ Lines $(\frac{12}{3})$ Lines $(\frac{12}{3})$ -Answer: 4/5 + 2/10 = 16 > $1 \times 2/3 = 12/3$ GCF 12 and 3 is 4. The counter and denominator are divided 3. \(\frac{12 ÷ 3}{3 ÷ 3}) = \(\frac{4}{1}) = Resolve 4 issue 12. Jason ran the distance of jason{4}{5}. What part of the total distance around the track was for Sarah? \(\frac{12 ÷ 3}{3 ÷ 3}) = \(\frac{4}{7}) Explanation: There was a distance between the school track. ($frac{5}{7}$) Sarah ran the distance of jason{4}{5}. ($frac{5}{7}$) = 20/35 GCF of 20 and 35 are 5. The counter and denominator are divided 5. ÷ Question 13 ÷ 5}{35 ÷ 5}) = ($frac{4}{7}$). A group of students attend a mathematics club. Half of the students are boys and the boys are brown eyes{4}{9}. What part of the group are boys with brown eyes? \(\frac{\\[2}\) = 4/18 = 2/9 2/9 group are boys with brown eyes question 14. Write and fix a word problem by a brown-eyed explanation: A group of students are boys are brown eyes are brown eyes are brown eyes{4}{9}. \(\frac{4}{9}\) × \(\frac{1}{2}\) = 4/18 = 2/9 2/9 group are boys with brown eyes question 14. Write and fix a word problem by a brown eyes are brow that involves multiplying by a fraction. Type below: _ Answer: A group of students attend a maths club. Half of the students are boys and the boys are brown eyes{6}{9}. What part of the group are boys with brown eyes? \(\frac{\]{\[]}\]} Answer: A group of students participates in a math club. Half of the students are boys and the boys are brown eyes? eyes{6}{9}. \(\frac{6}{9}\) × \(\frac{1}{2}\) = 6/18 = 1/3 1/3 group are boys with brown eyes. Lesson check – Page 86 Question 1. Veronica's mother left \(\frac{1}{2}\) about it. What part of the cake did they eat? \(\frac{1}{2}\) = 6/18 = 1/3 1/3 group are boys with brown eyes. Lesson check – Page 86 Question 1. Veronica's mother left a pie on the table \ $(\frac{1}{2})$ about it. Since the fraction of the eaten cake is 1/2, you can multiply the counter and denominator and get an equivalent fraction, which is 2/4. On the second question. One wheel around the school track is a mile of $(\frac{1}{2})$ about it. Since the fraction of the eaten cake is 1/2, you can multiply the counter and denominator and get an equivalent fraction. One wheel around the school track is a mile of $(\frac{1}{2})$ about it. Since the fraction of the eaten cake is 1/2, you can multiply the counter and denominator and get an equivalent fraction. (\frac{3}{16}) Explanation: One circle around the school track is a \(\frac{5}{8}) mile. Carin ran 3 \(\frac{1}{2}\) = \(\frac{7}{2}\) Therefore, the total distance to which = 7/2 × 5/8 = 35/16 = 2 3/16 Spiral view question 3. Thomas bought 2 \(\frac{5}{16}\) pounds of peanuts and 2.45 pounds of cashews. From which he bought more? Explain. Type below: Answer: Explanation: Tom bought 2 \(\frac{5}{16}\) pounds and 2.45 pounds of cashews. 2 \(\frac{5}{16}\) = 2.3125 2.3125 & lt; 2.45 He buys more cashews. On the fourth question. Eve has 24 stamps, each valued at \$24.75. What is the total value of its stamps? \$______ Answer: \$594 Explanation: Eve has 24 stamps, each valued at \$24.75. 24 x \$24.75 = \$594 Question 5. Naomi went on a 6.5 mile hike. In the morning, she went 2.75 miles, rested, and then went another 3.7 miles. She finished the hike in the afternoon. How much did she march in the afternoon? _____ miles answer: Naomi went on a 6.5 mile hike. In the morning, she went 2.75 miles, rested, and then went another 3.7 miles. She finished the hike in the afternoon. To find out how many miles she walked in the morning, you just take the morning from the afternoon 4.15 - 2.35=2.9 miles. She went 2.9 miles in the morning issue at 6. The bookshop owner has 48 science fiction books and 30 secrets he wants to sell quickly. It will discount packages must be the same books. How many packages can he make? How many packs of each type of book does it have? Enter Answer: 18 packages Explanation: The bookshop owner can produce 18 available packages of 48 - 30 = 18 packages share and show - Page 89 Find product. Simplify before multiplying. On the first question. \(\frac{5}{6} \times \frac{3}{10}\) Multiply counters and multiply denominators. \(\frac{5}{3}{0} × 3}{6 × 10}\) = \(\frac{15}{60}\) Simplify with GCF. GCF 15 and 60 are 15. The counters and multiply denominators. \(\frac{5}{12}\) Callout: \(\frac{5}{12}\) Callout: \(\frac{5}{9}\) Multiply counters and multiply denominators. $(\frac{3 \times 5}{4 \times 9}) = (\frac{15}{36})$ Simplify with GCF. GCF 15 and 36 are 3. The counter and denominators. $(\frac{2 \times 9}{3 \times 10}) = (\frac{12}{3})$ Answer: $(\frac{12}{3})$ Callout: $(\frac{12}{3})$ Simplify with GCF. GCF 15 and 36 are 3. The counter and denominators. $(\frac{12}{3} \times 10) = (\frac{12}{3})$ (\frac{18}{30}) Simplify with GCF. GCF 18 and 30 is 6. The counter and denominator are divided 6. Question 4 by (\frac{3}{5})). After a picnic, \(\frac{3}{5})) from the remaining cornbread. What part of corn val val eat? Answer: \(\frac{1}{4}) Explanation: After a picnic, the{5}{12} corn bread val eat? Answer: \(\frac{1}{4}) Explanation: After a picnic, the{5}{12} corn bread val eat? Answer: \(\frac{1}{4}) Explanation: After a picnic, the{5}{12} corn bread val eat? Answer: \(\frac{1}{4}) Explanation: After a picnic, the{5}{12} corn bread val eats (\frac{1}{4}) Explanation: After a picnic, the{5}{12} corn bread val eat? Answer: \(\frac{1}{4}) Explanation: After a picnic, the{5}{12} corn bread val eat? Answer: \(\frac{1}{4}) Explanation: After a picnic, the{5}{12} corn bread val eat? Answer: \(\frac{1}{4}) Explanation: After a picnic, the{5}{12} corn bread val eat? Answer: \(\frac{1}{4}) Explanation: After a picnic, the{5}{12} corn bread val eat? Answer: \(\frac{1}{4}) Explanation: After a picnic, the{5}{12} corn bread val eat? Answer: \(\frac{1}{4}) Explanation: After a picnic, the{5}{12} corn bread val eat? Answer: \(\frac{1}{4}) Explanation: After a picnic, the{5}{12} corn bread val eat? Answer: \(\frac{1}{4}) Explanation: After a picnic, the{5}{12} corn bread val eat? Answer: \(\frac{1}{4}) Explanation: After a picnic, the{5}{12} corn bread val eat? Answer: \(\frac{1}{4}) Explanation: After a picnic, the{5}{12} corn bread val eat? Answer: \(\frac{1}{4}) Explanation: After a picnic, the{5}{12} corn bread val eat? Answer: \(\frac{1}{4} corn bread val eat? A remains. Val eats \(\frac{3}{5}\) from the remaining cornbread. \(\frac{5}{12} \times \frac{1}{4}\). Reptile House Zoo has an iguana that is \ (\frac{5} × 3}{12 × 5}) = \(\frac{1}{4}\). Reptile House Zoo has an iguana that is \ (\frac{5}{6}) yd for a long time. He has a Gila monster, which is \(\frac{2}{3}) the length of the iguana. How long is Gila a monster? \(\frac{2}{3}) the length of the iguana. \(\frac{5}{6}) yd length. He has a Gila monster, which is \(\frac{2}{3}) the length of the iguana. \(\frac{5}{6}) yd length. He has a Gila monster? \(\frac{2}{3}) the length of the iguana. \(\frac{5}{6}) yd length. He has a Gila monster? \(\frac{2}{3}) the length of the iguana. \(\frac{5}{6}) times \frac{4}{5}}) Multiply counters and multiply denominators. \(\frac{20 + 10}(30 + 10}) = \(\frac{2}{3}\) to find the product in its own. Simplify before multiplying. On question six. \(\frac{2}{3}\) = \((\frac{2}{3}\) = \((\frac{2}{3}\) = (\frac{2}{3}\) = \(\frac{2}{3}\) = \(\f $times \frac{1}{6}$ Multiply counters and multiply denominators. $(\frac{3 \times 1}{4 \times 6}) = (\frac{3 \times 1}{4 \times 1}) = (\frac{$ counters and multiply denominators. \(\frac{7 × 2}{10 × 3}) = \(\frac{14}{30}) Simplify with GCF. GCF 14 and 30 is 2. The counter and denominator shall be divided 2. Question 8 by \(\frac{1}{4}) Callout: \(\frac{1}{3}) Simplify with GCF. GCF 14 and 30 is 2. The counters and multiply c denominators. $(\frac{5}{6}) = (\frac{1}{4}). (\frac{10}{40}) = (\frac{1}{4}). (\frac$ $(\frac{3}{4}) = (\frac{13}{60})$ Simplify with GCF. 45 and 60 GCF are 15. The counter and denominator are divided 15. Question 10 of $(\frac{11}{12} \times \frac{11}{12})$ Answer: $(\frac{11}{12})$ A 12×7 (\frac{33}{84}) Simplify with GCF. GCF 33 and 84 are 3. The counter and denominator are divided 3. Question 11 ÷ (\frac{31}{4}) for their games last season. In the games they won{1}{6}, they scored more than 10 points in the games they won. What part of their games has Shelley's team won by more than 10 points? \(\frac{1}{8}\) Explanation: Allow the total number of games x. The number of games they outscored their opponents by more than 10 points = 1/6 X 3/4x = 1/8x So, 1/8 of all games, Shelley's team won by 10 points. Question 12: Mr. Ortiz has a \ $(\frac{3}{4})$ pound oatmeal. It uses $(\frac{1}{2})$ oatmeal fried buns. How much is oatmeal left? $(\frac{1}{2})$ Answer: $(\frac{1}{2})$ oatmeal fried buns. $(\frac{1}{2})$ GCF. GCF 6 and 12 are 6. The counter and denominator are divided 6. Question 13 by \(\frac{6 ÷ 6}{12 ÷ 6}\) = \(\frac{1}{2}\). Compare policies To find the \(\frac{1}{2}\), you can multiply fractions and then simplify the product, or you can simplify the fractions and then multiply. Which method do you prefer? Explain. Type below: Answer: \(\frac{16}{27}\) × \(\frac{16}{27}\) × \(\frac{16 × 3}{27 × <2> 4}\) = \(\frac{18 × 3}{4 × 27}\) \(\frac{48}{96 ÷ 48}\) = \(\frac{1}{2}\) Troubleshooting + Programs - Page No. 90 Question 14. Three students each popped a \(\frac{3}{4}\) cup of popcorn kernels. The table shows the share of each student's nuclei that did not turn. Which student had the kernels that had not been downloaded by the cup of the \(\frac{1}{16}\) cup? Answer: Mirza Explanation: Three students each popped a \(\frac{3}{4}) cup popcorn core. The table shows the share of each student's nuclei that did not turn. Katie = 3/4 x 1/10 =
3/40 Mirza = 3/4 x 1/12 = 1/16 Question 15. The jogging track at Francine School is a{3}{4} mile long .'. Yesterday Francine finished two laps on the track. If she ran a \(\frac{1}{3}\) distance and walked the rest of the way, how far did she walk? _____ mile Answer: 1 mile Explanation: Running length at Francine school = 3/4 mile Let the distance travelled = x Let the distance travelled by foot = y Total number of laps completed in Frankie = 2 Total free distance = wheel 2 x 3/4 = 3/25 miles Distance covered by walking y = total distance - distance covered by 3/2 - x = 3/2 - 1/2 = 1 mile So Francine walked 1 mile. Question 16: In the Answer: Bill's statement doesn't make sense because it is incorrect: 7/12 customers bought pretzels, 3/10 eatery \frac{7}{12}\) bought pretzels from customers and{3}{10} bought low-salt pretzels from those customers. Bill claims that the \(\frac{7}{30}\) customers bought low salt pretzels. Does Bill's statement make sense? Explain. Enter below: Of these customers bought low salt pretzels (x) 3/10 of 7/12 = x 21/120 = x Simplify: 7/40 To be fair, Bill should say that 7/40 customers bought low salt pretzels, but instead, he said 7/30. Question 17: The table shows the assignment of Tonya's teacher instructed the class to simplify each expression, counter and denominator by dividing by GCF. Fill in the table by simplifying each expression and then searching for a value. Enter below: _ Answer: Simplified Factors – Page 91 Find product. Simplify before multiplying. On the first question. \(\frac{8}{9} \times \frac{5}{12}\) \(\frac{\[]}{\[]}\) Answer: \(\frac{10}{27}\) Callout: \(\frac{8}{9} \times \frac{5}{12}\) Multiply counters and multiply denominators. \(\frac{8 × 5}{9 × 12}\) = \(\frac{40}{108}\) Simplify with GCF. 40 and 108 GCF are 4. The counter and denominator are divided 4. Question 2 by \(\frac{10}{21}\) Answer: \(\frac{4}{7}\) Callout: \(\frac{4}{7}\) Callout: \(\frac{3}{4} \times \frac{10}{21}\) Multiply counters and multiply denominators. $(\frac{3 \times 16}{4 \times 21}) = (\frac{48}{84})$ Simplify with GCF. 48 and 84 GCF are 12. The counter and denominator are divided 12. Question 3 + (\frac{15}{20}} (\frac{15}{20}) × 5}\) = \(\frac{30}{100}\) Simplify with GCF. 30 and 100 GCF are 10. The counter and denominator shall be divided by 10. Question 4 + \(\frac{3}{10}\) = \(\frac{3}{10}\) Answer: \(\frac{3}{10}\) Answer: \(\frac{1}{3}\) Callout: \(\frac{1}{3}\) Multiply counters and multiply denominators. \(\frac{9 × 2}{18 × 3}\) = \ (\frac{18}{54}) Simplify with GCF. 18 and 54 GCF are 18. The counter and denominator are divided by 18. Question 5. \(\frac{1}{3}\) question 5. \(\frac{1}{3}\) Multiply counters and multiply denominators. \(\frac{3}{4} \times \frac{7}{30}\) (\frac{1}{3}\) Simplify with GCF. 18 and 54 GCF are 18. The counter and denominator are divided by 18. Question 5. \(\frac{1}{3}\) and 120 GCF is 3. The counter and denominator are divided 3. Question 6 by \(\frac{21 ÷ 3}{120 ÷ 3}) = \(\frac{7}{40}). \(\frac{8}{15} \times \frac{15}{32}) Multiply counters and multiply denominators. \(\frac{8}{15} \times \frac{120}{480}) Simplify with GCF. 120 and 480 GCF are 120. counter and denominator are divided 21. Question 8 by \(\frac{84 ÷ 21}{189 ÷ 21}) = \(\frac{4}{9}\). \(\frac{18}{22} \times \frac{8}{9}\) Multiply counters and multiply denominators. \(\frac{18}{22} \times \frac{14}{198}\) Simplify with GCF. In 144 and 198, GCF is 18. The counters and multiply denominators. \(\frac{18}{22} × 9\) = \(\frac{14}{198}\) Simplify with GCF. In 144 and 198, GCF is 18. The counters and multiply denominators. \(\frac{18}{22} × 9\) = \(\frac{14}{198}\) Simplify with GCF. In 144 and 198, GCF is 18. The counters and multiply denominators. \(\frac{18}{22} × 9\) = \(\frac{14}{198}\) Simplify with GCF. In 144 and 198, GCF is 18. The counters and multiply denominators. \(\frac{18}{22} × 9\) = \(\frac{14}{198}\) Simplify with GCF. In 144 and 198, GCF is 18. The counters and multiply denominators. \(\frac{18}{22} × 9\) = \(\frac{14}{198}\) Simplify with GCF. In 144 and 198, GCF is 18. The counters and multiply denominators. \(\frac{18}{22} × 9\) = \(\frac{14}{198}\) Simplify with GCF. In 144 and 198, GCF is 18. The counters and multiply denominators. \(\frac{18}{22} × 9\) = \(\frac{14}{198}\) Simplify with GCF. In 144 and 198, GCF is 18. The counters and multiply denominators. \(\frac{18}{22} × 9\) = \(\frac{14}{198}\) Simplify with GCF. In 144 and 198, GCF is 18. The counters and multiply denominators. \(\frac{18}{22} × 9\) = \(\frac{14}{198}\) Simplify with GCF. In 144 and 198, GCF is 18. The counters and multiply denominators. \(\frac{18}{22} × 9\) = \(\frac{14}{198}\) Simplify with GCF. In 144 and 198, GCF is 18. The counters and multiply denominators. \(\frac{18}{22} × 9\) = \(\frac{14}{198}\) Simplify with GCF. In 144 and 198, GCF is 18. The counters and multiply denominators. \(\frac{18}{22} × 9\) = \(\frac{14}{198}\) Simplify with GCF. In 144 and 198, GCF is 18. The counters and multiply denominators. \(\frac{18}{22} × 9\) = \(\frac{14}{198}\) Simplify with GCF. In 144 and 198, GCF is 18. The counters and multiply denominators. \(\frac{18}{22} × 9\) = \(\frac{14}{198}\) Simplify with GC and denominator are divided by 18. \(\frac{144 ÷ 18}{198 ÷ 18}\) = \(\frac{8}{1}\) Resolve issue 9. Amber has a \(\frac{4}{5}\)-pound bag of colored sand. It uses (\frac{1}{2}\) from a bag for an art project. How much sand does it use for the project? \(\frac{1}{2}\) pounds Answer: \(\frac{2}{5}\) pound callout: Amber is \(\frac{4}{5}\)-pound bag of colored sand. It uses \(\frac{1}{2}\) from a bag for an art project? \(\frac{1}{2}\) pounds Answer: \(\frac{1}{2}\) pound callout: Amber is \(\frac{4}{5}\)-pound bag of colored sand. It uses \(\frac{1}{2}\) from a bag for an art project. uses \(\frac{1}{2}\) from a bag for an art project. 4/5 X 1/2 = 2/5 Question 10. Tyler must write a book report in a month of \(\frac{3}{4}\). On this occasion, he completed the report \(\frac{1}{2}\) Monthly Response: \(\frac{1}{2}\) Monthly Callout: Tyler has a \(\frac{3}{4}\) month month to write the book report in a month of \(\frac{2}{3}\). On this occasion, he completed the report \(\frac{2}{3}\). 3/4 X 2/3 = 1/2 question 11. Show two ways to multiply \(\frac{2}{15} \times \frac{3}{20}\). Then tell which way is easier and justify your choice. Type below: Answer: \(\frac{2}{15} \times \frac{3}{20}\) 2/15 X 3/20 = 2/20 X 3/15 = 1/10 X 1/5 = 1/50 Lesson Check – Page No 92 Find each product. Simplify before multiplying. On the first question. Susie school, \(\frac{5}{8}\) all students in sports, \(\frac{2}{5}\) play football? \\(frac{1}{4}\) Explanation: Send at school, \\(frac{5}{8}\) all students play From students who play sports, \(\frac{2}{5}\) play football. Multiply by 5/8 X 2/5, and the answer is 0.25, which converts to 25/100 or 1/4 question 2. The popcorn box weighs \(\frac{1}{3}\) butter popcorn. How much do cheese popcorn weigh? \(\frac{1}{3}\) Answer: \(\frac{5}{8}\) Explanation: Total weight of popcorn box = 15/16 pounds. We have two types of popcorn, butter popcorn and cheese popcorn. Butter popcorn is one third of the total weight, we get = 1/3 * 15/16 = 5/16 pounds. Cheese popcorn = 2/3 of the total weight When connecting the value of the total weight, we get = 2/3 * 15/16 = 10/16 or 5/8 pounds. Therefore, the cheese popcorn weighs 5/8 pounds. Spiral Review Question 3. Ramon bought a dozen ear of corn? \$_____ Answer: \$0.15 Explanation: Ramon bought a dozen corn ears for \$1.80. So, for the price of each corn ear, \$1.80/12 = \$0.15 Question 4. A 1.8-ounce jar of cinnamon costs \$4.05. What is ____Answer: \$2.25 per ounce Explanation: If a 1.8-ounce jar costs \$4.05, make \$4.05, divided by 1.8. \$4.05 / 1.8 = \$2.25 per ounce. On the fifth question. Rose bought a{7}{20} kilo of ginger sweets and 0.4 kilograms of cinnamon sweets. Which one did she buy more from? Explain how you know. Type below: Rose bought ginger candy = 7/20 kilogram = 0.35 kilogram She bought cinnamon candy = 0.4 kilograms 0.4 > 0.35 So she bought cinnamon candy more. On question six. Don walked 3 \(\frac{3}{5}\) miles on Friday, 6 km on Saturday, and 3\(\frac{5}{8}\) miles on Sunday. List the distances from the minimum to the largest. Type below: Answei $3 (\frac{3}{5}), 3 (\frac{1}{2}), 3 ($ _Answer: Common Denominator Concepts and Skills To Write as Decimal. Specify whether you have used a division, number line, or a positive method. On the third question. \(\frac{7}{20}\) Answer: Question 2 equivalent fraction. _____ is a denominator that is the same in two or more fractions. Enter below: Answer: 0.35 Explanation: Using Division, \(\frac{7}{20}\) = 0.35 Question 4. 8 \(\frac{39}{40}\) _ Answer: 8.975 Explanation: Using section 8 \(\frac{39}{40}\) = 359/40 = 8.975 Question 5. 1 _ Answer: 1.625 Explanation: Using division, 1 \(\frac{5}{8}\) = 13/8 = 1.625 Question 6. \(\frac{19}{25}\) _ Answer: 0.76 Callout: Using Using \(\frac{19}{25}\) = 0.76 Answer: \(\frac{3}{4}\), \(\frac{4}{5}\),0.88 Callout: Write decimal 4/5 = 0.8 Write decimal 3/4 = 0.75 0.88 0.75 < 0.8 < 0.88 Question 8. 0.65, 0,59, \(\frac{3}{5}\) Enter below: Minimum order to maximum. On question seven. \(\frac{4}{5}, \frac{3}{4}, 0.88\) Type below: ____Answer: 0,59, \(\frac{3}{5}\), 0.65 Explanation: write decimal 3/5 = Answer: \(\frac{11}{12}\), 1\(\frac{1}{4}\), 1\(\frac{2}{3}\) Explanation: Write decimal 1 1/4 = 5/4 = 1.025 Write down the decimal form 1 2/3 = 5/3 = 1,66 Write down the decimal form 11/12 = 0,916 0,916 & lt; 1.25 & lt; 1.66 Question 10. 0.9, \(\frac{7}{8}\), 0.86 0.6 0.59 < 0.6 < 0.65 9 question. \(1 \frac{1}{4}, 1 \frac{2}{3}, \frac{11}{12}\) Type below: Answer: 0.86, \(\frac{7}{8}\), 0.9 Explanation: Write decimal form \(\frac{7}{8}\) form = 0,875 0.86 < 0,875 It < ; 0.975 Find product. Write it in the simplest form. Question 11: \(\frac{1}{1}\) Answer: \(\frac{1}{1}\) Callout: \(\frac{1}{1}\) Callout: \(\frac{1}{8}\) Multiply
counters and multiply denominators. \ Type below: $(\frac{2}{2})$ Simplify with GCF. 2 and 24 GCF is 2. The counter and denominator shall be divided 2. Question 12 by $(\frac{1}{2})$ Answer: $(\frac{2}{2})$ Answer: $(\frac{1}{2})$ Answer: $(\frac{1}{2})$ Multiply counters and multiply denominators. Question 13 × $(\frac{1}{2})$ Answer: 9 Callout: $12 \times (\frac{3}{4})$ Multiply counters and multiply denominators. $(\frac{12 \times 3}{1 \times 4}) = (\frac{3}{4})$ from the height of the rock wall. Lee climbs $(\frac{12 \times 3}{1 \times 4}) = (\frac{12 \times 3}{1 \times 4$ {25}\) 12 × \(\frac{3}{4}\) ____ (least common denominator) 5/8 and 4/5. 5/8 = 25/40 and 4/5 = 32/40. Subtract and you get 7/40. Question 15: Zoe in the classroom, \(\frac{1}{8}\) have rodents. What proportion of students in zoe class have pets that are rodents? What proportion of students in Zoe's class have pets that are not Answer: \(\frac{1}{10}\) of Zoe class student pets who are rodents \(\frac{7}{10}\) of Zoe's class student pets who are not rodents Explanation: Zoe's classroom, \(\frac{1}{8}\) student pets, \(\frac{1}{8}\) have rodents. 4/5 X 1/8 = 1/10 4/5 – 1/10 = 7/10 Question 16. The recipe requires 2 \(\frac{2}{10}) student pets. Of the students who are pets, \(\frac{1}{8}\) have rodents. 4/5 X 1/8 = 1/10 4/5 – 1/10 = 7/10 Question 16. The recipe requires 2 \(\frac{2}{10}) student pets. Of the students who are pets, \(\frac{1}{8}\) have rodents. 4/5 X 1/8 = 1/10 4/5 – 1/10 = 7/10 Question 16. The recipe requires 2 \(\frac{2}{10}) student pets. Of the students who are pets, \(\frac{1}{8}\) student pets. Of the students who are pets, \(\frac{1}{8}\) student pets. Of the students who are pets, \(\frac{1}{8}\) student pets. Of the students who are pets, \(\frac{1}{8}\) student pets. Of the students who are pets, \(\frac{1}{8}\) student pets. Of the students who are pets, \(\frac{1}{8}\) student pets. Of the students who are pets, \(\frac{1}{8}\) student pets. Of the students who are pets, \(\frac{1}{8}\) student pets. Of the students who are pets, \(\frac{1}{8}\) student pets. Of the students who are pets, \(\frac{1}{8}\) student pets. Of the students who are pets, \(\frac{1}{8}\) student pets. Of the students who are pets, \(\frac{1}{8}\) student pets. Of the students who are pets, \(\frac{1}{8}\) student pets. Of the students who are rodents? Type below: {3}) cups of flour. Terell wants to do How much flour should he use? _____ cups Answer: 2 cups Explanation: 2 \(\frac{2}{3}\) = 8/3 8/3 * 3/4 = 2 Question 17. After the Baltimore Running Festival in 2009, volunteers collected and processed 3.75 tons of garbage. 3.75 in the chart, the number in the row and the weight as a mixed number is recorded. Type Answer: Volunteers collect and recycle 3.75 tons of garbage. We need to convert 3.75 as a mixed number. A mixed number consists of a healthy language and a suitable fraction. The specified number 3,75 3 is in whole number and 0.75 is converted to fraction. 3.75 = 3 + 0.75 = 3 + 75/100 We can reduce the fraction by 75/100 = 3 + 3/4 below: = 3 3/4 question 18. Four students took the exam. Provides a portion of all available points that everyone has received. Which student had the highest score? If students get the full number of points for each exam item, can the exam be worth a total of 80 points? Explain. Type below: Answer: 22/25 = 0.88 17/20 = 0.85 4/5 = 0.8 3/4 = 0.75 Monica had the highest score Let x be the total number of points: (22/25 + 17/20 + 4/5 + 3/4)x = 80 x = 24.39 This is not a healthy number of points. Share and Show – Page 97 Use a model to find a dividers. On the first question. $(\frac{1}{2}) \div 3 (\frac{1}{2}) \div 3 (\frac{1}{2}) \div 3 (\frac{1}{2})$ Answer: Explanation 2: 3/4 group 3/8 3/4 × 8/3 = 2 Use the Dalsio strips to find the dalmen. Then draw a pattern. On the third question. \(\frac{1}{3}\) + 4 \(\frac{1}{1}\) Explanation: \(\frac{1}{3}\) + 4 \(\frac{1}{3}\) + 4 \(\frac{1}{3}\) × \(\frac{1}{4}\) \(\frac{1}{1}\) answer: \(\frac{1}{1}\) answer: \(\frac{1}{3}\) + 4 \(\frac{1}{3}\) + Answer: Explanation 2: \ (\frac{3}{10}) \(\frac{3}{10}) \(\frac{10}{3}) × \(\frac{10}{3}) 2 Draw a model to be addressed. Then write the equation for the pattern. Interpret the result. On the fifth question. How many \(\frac{1}{4}) cup portions of raisins are \(\frac{3}{8}) cup raisins? Enter below: Answer: 1.5 Explanation: $3/8 \times 1/4 = 1.5$ Question 6. How much \(\frac{1}{3}\) lb Answer: 2 Callout: Multiply 1/3 with 2 1/3 × 2 = 2/6. 2/6 can go to 5/6 twice, so the answer is two sacks. On question seven. There is a problem with Write and Resolve problem \(\frac{3}{4}\) ÷ 3 that specifies how many of each of the 3 groups. Type below: bags trail blend can Josh make a mixture of \(\frac{5}{6}\) lb trail? Enter below: Answer: \(\frac{1}{4}\) Explanation: \(\frac{3}{4}\) + 3 \(\frac{3}{4}\) + 3 \(\frac{1}{3}\) = 1/4 Problem Solving + Programs – Page No 98 The table shows the amount of each material required for the sewing class per wallet. Use table 8-10. Use the models you want On question 8. Ms Brown has \(\frac{1}{3}\) flawed blue denim and \(\frac{1}{2}\) yed black denim. How much wallets can be made using using as the main fabric? ____wallet Answer: 5 wallet Explanation: Mrs Brown has \(\frac{1}{3}\) flawed blue denim and \(\frac{1}{2}\) yd black denim. 3 + 2 = Question 5 9. One student brings \(\frac{1}{2}\) to the YD ribbon. If 3 students get the same length of ribbons, how many stripes will each student receive? Will _Answer: One student gives \(\frac{1}{2}\) the yd ribbon. If 3 students get the same length of the strip, \(\frac{1}{2}\) ÷ 3 1/2 × 1/3 = 1/6 They do not have enough strips in the handbag issue 10. The arguments there were \(\frac{1}{2}\) perselicated red and pink striped fabric. each of them have enough ribbon for the wallet? Explain. Type below: Jessie said she can only make a \(\frac{1}{24}\) purse using that fabric as a decoration. Is it correct? Use what you know about multiplication and split values to defend your response. Type below: ______ Answer: There was a \(\frac{1}{2}\) yd red and pink striped fabric. Jessie said she can only make a \(\frac{1}{24}\) purse using that fabric as a decoration. 1/2 × 12 = 1/24 Yes, 12 is the answer to the first question. Draw a pattern to find the particle. \(\frac{1}{2}\) ÷ 4 = Type below: Answer: Explanation: 1/2 × 1/4 = 1/8 Model Fractions section - Page 99 Use model to find question 1. \(\frac{1}{4}\) ÷ 3 = \(\frac{[]{[]}\) Answer: \(\frac{1}{12}\) Callout: \(\\\) frac{1}{4}\) ÷ 3 \(\frac{1}{4}\) ÷ 3 $(\frac{1}{2}) = (\frac{1}{2}) = (\frac{1$ $(\frac{1}{3}) = (\frac{1}{2}) = (\frac{1}{2}) + 4 = (\frac{1}{2}) + 4 = (\frac{1}{2}) + 6 = (\frac{1$ ____Answer: 4 Callout: \(\frac{1}{3} \div \frac{1}{1}\) \(\frac{1}{1}\) × \(\frac{1}{3}\) × \(\frac{1}{3}\) = \(\frac{1} Explanation: If Jerry runs a \(\frac{1}{10}\) mile each day, \(\frac{4}{5}\) ÷ \(\frac{1}{10}\) \(\frac{4}{5}\) = 8 Troubleshooting. Ms. Jennings has a gallon of {3}{4}\) gallon paint for an art project. It plans to paint equally into jars. If it puts \(\frac{1}{8}\) gallons of paint in each jar, how many jars does it use? jars Answer: 6 jars Explanation: Ms. Jennings has 3/4 gallons of paint for the art project. In 1 jar she puts 1/8 gallons of paint. The number of jars in which it plans to divide the paint equally, $n = 3/4 \div 1/8$ $n = \langle \frac{1}{4} \rangle = \langle \frac{1}{2} \rangle$, how many jars can rickie get from $\langle \frac{1}{2} \rangle$ pound glue? Answer: 8 jars Explanation: glue weight per jar = 1/12 pounds To get 2/3 pounds of glue Rickie can get jars number 2/3 ÷ 1/12 2/3 × 12/1 = 24/3 = 8 10 question. Explain how to use the model to display the \(\frac{2}{6} \div \frac{1}{12}\) and \(\frac{2}{6}\) 4 ÷. Type below: Answer: Explanation: \(\frac{2}{6} \div \frac{1}{12}\) 2/6 = 1/3 1/3 x 12/1 = 4 \ (\frac{2}{6}\) ÷ 4 1/3 x 1/4 = 1/12 lesson check – Page No. 100 Question 1. Darcy needs \(\frac{1}{4}\) yard fabric to make an advertisement. It has 2 yards of fabric. 2 ÷ \(\frac{1}{4}\) = 2 x 4 = question 8 2. Lorenzo bought \(\frac{15}{16}\) pounds of minced beef. He wants a burger that weighs a pound of {3}{16}\for each. \(\frac{15}{16}\) ÷ \(\frac{3}{16}\) pounds of minced beef. He wants a burger that weighs a pound of {3}{16}\for each. \(\frac{15}{16}\) ÷ \(\frac{3}{16}\) {16}) 15/3 = 5 Spiral Preview Question 3. Letisha wants to read 22 pages at night. At the rate, how long will it take her to read a book with 300 pages? ______ Nights Answer: 14 Nights Explanation: Letisha wants to read 22 pages per night. She thinks she read a book with 300 pages 300/22 = 13.6 13.6 is almost 14 so it is 2 weeks. On the fourth question. The principal wants to order enough laptops for 624 students. Laptops are in boxes after 28. How many boxes should he order? boxes Answer: 22 boxes Explanation: The principal wants to order enough laptops for 624 students. Laptops are in boxes after 28. 624/28 = 22.2857 22.2857 is closer to 22 22 cells. On the fifth question. Each ton neighborhood block is \(\frac{2}{3}\) miles long. If he walks 4 \(\frac{1}{2}\) blocks, how much does he walk? _____ miles Answer: 3 miles in total. On question six. Cathy in the garden, \(\frac{5}{6}\) area is planted with flowers. Of the flowers, \(\frac{3}{10}\) of which are red. 5/6 x 3/10 = 1/4 Promotion and Show – Page No 103 Rating using compatible numbers. On the first question. \(22 \frac{4}{5} \div 6 \frac{1}{4}\) Answer: 4 Callout: 22 \(\frac{4}{5}\) = 114/5 = 22,8 6 \(\frac{1}{4}\) = 25/4 = 6.25 22.8 is closer to 24 6.25 is closer to 6 24/6 = question 4 2. \(12 \div 3 \frac{3}{4}\] _Answer: 3 \(\frac{3}{4}\) = 15/4 = 3.75 3.75 is close to 4 12/4 = Question 3. $(33 \frac{7}{8} \dim 5 \frac{1}{3}) = 31/8 = 3,000875 (\frac{1}{3}) = 0.555 3.875 is closer to 4 0,555 is closer to 4 0,555 is closer to 1 4/1 = 0.555 3.875 is closer to 35 5.333 is closer to 5 35/5 = 7 4 question. <math>(3
\frac{1}{3}) = 16/3 = 5.333 33.875 is closer to 5 35/5 = 7 4 question.$ Answer: 5 Callout: 34 \(\frac{7}{12}\) = 415/12 = 34.58 3 7 \(\frac{3}{8}\) = 59/8 = 7.375 34.583 is closer to 35 7.375 is closer to 7 35/7 = 5 6 question. \(1 \frac{2}{9} \div \frac{1}{6}\) Answer: 5 Callout: 1 \(\frac{2}{9}\) = 11/9 = 1.222 \(\frac {1}{6}\) = 0.1666 1.222 is closer to 1 0.1666 is closer to Question 4 5. \(34 \frac{7}{12} \div 7 \frac{3}{8}\) $0.2 \ 1/0.2 = 5 \ Your \ own \ estimate \ using \ compatible \ numbers. On \ question \ seven. \ (44 \ frac{1}{4} \ iv \ 11 \ frac{7}{9}) \ answer: 44 \ (\ frac{1}{4}\) = 177/4 = 44,25 \ 1 \ 11 \ (\ frac{7}{9}\) = 106/9 = 11.77 \ 44.25 \ is \ closer \ to \ 44 \ 11.77 \ is \ closer \ to \ 11 \ 44/11 = Question \ 48. \ (71 \ frac{11}{12} \ div \ 8 \ frac{3}{4}\) \ answer: 44 \ (\ frac{1}{4}\) = 177/4 = 44,25 \ 1 \ 11 \ (\ frac{7}{9}\) = 106/9 = 11.77 \ 44.25 \ is \ closer \ to \ 44 \ 11.77 \ is \ closer \ to \ 11 \ 44/11 = Question \ 48. \ (71 \ frac{11}{12} \ div \ 8 \ frac{3}{4}\) \ answer: 44 \ (\ frac{1}{4}\) = 177/4 = 44,25 \ 1 \ 11 \ (\ frac{7}{9}\) \ answer: 44 \ (\ frac{1}{4}\) = 177/4 \ answer: 44 \ (\ frac{1}{4}\) \ answer:$ Answer: 8 Callout: 71 \(\frac{11}{12}\) = 863/12 = 71.5 91 6 \(\frac{3}{4}\) = 35/4 = 8.75 71.916 is closer to 72 8.75 is closer to 9 72/9 = Question 8 9. \(1 \frac{1}{6}\) = 7/6 = 1.166 \(\\)/frac{1}{6}\) = 0.125 1.166 is closer to 1.2 0.125 is closer to 1.2 0.125 is closer to 0.1 1.2/0.1 = 12 Estimate compare. Write & dt;, & gt; or =. Question 10: \(21 \frac{3}{10} \div 2 \frac{5}{6}\) = 7/6 = 1.166 \(\\)/frac{1}{6}\) = 7/6 = 1.166 \(\\)/frac{1}{6}\) = 7/6 = 1.166 \(\\)/frac{1}{6}\) = 7/6 = 1.166 \(\)/frac{1}{6}\) = 7/6 $(35 \frac{2}{3})$ Answer: $(21 \frac{3}{10} \frac{1}{3} = 2.833 21.3 \text{ is closer to } 21/3 = 7 35 (\frac{7}{9}) = 11/3 = 3.666 35.777 \text{ is closer to } 36 3.666 \text{ is closer to } 4$ 36/4 = 9 7 < 9 So, \(21 \frac{3}{10} \div 2 \frac{5}{8}\) < \(35 \frac{7}{9} \div 3 \frac{2}{3}\) Question 11. \(29 \frac{4}{5} \div 5 \frac{1}{6}\) > \(27 \frac{8}{9} \div 6 \frac{5}{8}\) Explanation: 29 • 149/5 x 29.8 5 ('frac{1}{6}') s 31/6 31/6 5.1666 29.8 is closer to 30 5.1666 is closer to 5 30/5 = 6 27 \(\frac{8}{9}\) = 251/9 = 27,888 6 \(\frac{8}{9}\) = 251/9 = 27,888 6 \(\frac{5}{8}{8}{9}\) = 251/9 = 27,888 6 \(\frac{5}{8}{8}{9}\) < 9>\) = 53/827,888 is closer to 30 6.625 is closer to 7 30/7 = 5 6 & gt; 5 \(29 \frac{1}{6}\) & gt; Question 12 of \(27 \frac{8}{9} div \6 \frac{5}{8}\). \(55 \frac{5}{6} \div 6 \frac{7}{10}\) \(11 \frac{5}{7} \div \frac{5}{8}\) Answer: \(55 $rac{5}{6}\$ where $rac{5}{6}\$ where $rac{5}{6}\$ and $rac{5}{7}\$ where $rac{5}{6}\$ and $rac{5}{6}\$ because to $rac{5}{6}$ 2 \(\frac{3}{4}\) felt yards. Marion has 24 \(\frac{1}{8}\) yards of felt. About how many flags can he make? About ______ flags Answer: About 8 flags Explanation: Marion has 24 \(\frac{3}{4}\) felt yards. Marion has 24 \(\frac{1}{8}\) yards of felt. 2 \(\frac{3}{4}\) = 11/4 24 \(\frac{1}{8}\) = 11/4 24 \(\frac{1}{8}\) = 193/8 193/8 ÷ 11/4 193/8 x 4/11 = 8.77 About 8 flags question 14. The garden snail travels about 2 \(\frac{3}{5}\) feet in 1 minute. At that speed, how many hours would snaila travel 350 feet? About ______ hours Explanation: 2 \(\frac{3}{5}\) = 2.6 This is how long it travels in one minute. There are 60 minutes per hour that multiply it by 60 and see if this gets you close to 350. 60 x 2.6 = 156 Let's add another hour. 156 + 156 = 312 14 x 2,6 = 36.4 312 + 36.4 = 348.4 348.4 + 2.6 = 351 So two hours and fourteen minutes Problem solving + Programs – Page No 104 What is the error? Question 15: Megan makes pennants of a piece of butcher paper, which is 10 \(\frac{3}{8}\) yards long. Each pennant requires a paper yard of \(\frac{3}{8}\) To estimate the number of pennants she can do, Megan calculated the quotient 10 \(\frac{3}{8}\) ÷ \(\frac{3}{8}\) + \(\frac{3}{8}\) = 5 Correction error. Rate the quotient. So, Megan can make about _____ pennants. Describe the error that Megan made explain which compatible numbers you used 10 \(\frac{3}{8}\) ÷ \(\frac{3}{8}\) = 5 10,375 is closer to 10 0.375 is closer to 0.5 10/0.5 = 20 But she wrote 5 instead of 20. Megan can make about 20 pennants. The number 16a-16c, estimate by comparison. Select <, > or =. Question 16: 16a. 18 'div 2 'frac{5}{6}? Atsakymas: 16a. 18 - (frac{7}{9}{3}{10} - frac 3 - frac{1}{3} < \(30 \frac{1}{3}\) Explanation: 18 \(\frac{3}{10}\) = 183/10 = 18.0 3 2 \(\frac{5}{6}\) = 17/6 = 2,833 18.3 is closer to 18 2.833 is closer to 18 2.833 is closer 3 $18/3 = 6 \ 30 \ (\frac{1}{6}) = 277/9 = 30.777 \ 3 \ (\frac{1}{6}) = 10/3 = 3,333 \ 30.777 \ is \ closer to \ 30/3 = 10 \ 6 \ dt; \ Question \ 10 \ 16. \ 16b. \ 17 \ (\frac{1}{6}) = 277/9 = 30.777 \ 3 \ (\frac{1}{6}) \ dt \ 4 \ dt \ 16c^{1}{6}) = 10/3 \ dt \ 17 \ (\frac{1}{6}) = 89/5 \ dt \ 17, \ 10 \ dt \ 16c^{1}{6}) = 10/3 \ dt \ 17 \ dt \ 17 \ dt \ 17 \ dt \ 16c^{1}{6}) = 10/3 \ dt \ 17 \ dt \ 17 \ dt \ 16c^{1}{6}) = 10/3 \ dt \ 17 \ dt \ 17 \ dt \ 17 \ dt \ 16c^{1}{6}) = 10/3 \ dt \ 17 \ dt \ 17 \ dt \ 17 \ dt \ 16c^{1}{6}) = 10/3 \ dt \ 17 \ dt \ 16c^{1}{6} \ dt \ 17 \ d$ $(frac{1}{6}) = 37/6 = 6.1666 17.8 \text{ yra arčiau } 18 6.1666 \text{ yra arčiau } 18 6.1666 \text{ yra arčiau } 18/6 = 3 19 ((frac{5}{7} \text{ vi}) = 179/9 = 19.888 \text{ yra arčiau } 20/5 = 4 3 & \text{k}; (19 (frac{5}{8})) = 37/8 = 4.625 19.888 \text{ yra arčiau } 20/5 = 4 3 & \text{k}; (19 (frac{5}{8})) = 37/8 = 4.625 19.888 \text{ yra arčiau } 20/5 = 4 3 & \text{k}; (19 (frac{5}{8})) = 37/8 = 4.625 19.888 \text{ yra arčiau } 20/5 = 4 3 & \text{k}; (19 (frac{5}{8})) = 37/8 = 4.625 19.888 \text{ yra arčiau } 20/5 = 4 3 & \text{k}; (19 (frac{5}{8})) = 37/8 = 4.625 19.888 \text{ yra arčiau } 20/5 = 4 3 & \text{k}; (19 (frac{5}{8})) = 37/8 = 4.625 19.888 \text{ yra arčiau } 20/5 = 4 3 & \text{k}; (19 (frac{5}{8})) = 37/8 = 4.625 19.888 \text{ yra arčiau } 20/5 = 4 3 & \text{k}; (19 (frac{5}{8})) = 37/8 = 4.625 19.888 \text{ yra arčiau } 20/5 = 4 3 & \text{k}; (19 (frac{5}{8})) = 37/8 = 4.625 19.888 \text{ yra arčiau } 20/5 = 4 3 & \text{k}; (19 (frac{5}{8})) = 37/8 = 4.625 19.888 \text{ yra arčiau } 20/5 = 4 3 & \text{k}; (19 (frac{5}{8})) = 37/8 = 4.625 19.888 \text{ yra arčiau } 20/5 = 4 3 & \text{k}; (19 (frac{5}{8})) = 37/8 = 4.625 19.888 \text{ yra arčiau } 20/5 = 4 3 & \text{k}; (19 (frac{5}{8})) = 37/8 = 4.625 19.888 \text{ yra arčiau } 20/5 = 4 3 & \text{k}; (19 (frac{5}{8})) = 37/8 = 4.625 19.888 \text{ yra arčiau } 20/5 = 4 3 & \text{k}; (19 (frac{5}{8})) = 37/8 = 4.625 19.888 \text{ yra arčiau } 20/5 = 4 3 & \text{k}; (19 (frac{5}{8})) = 37/8 = 4.625 19.888 \text{ yra arčiau } 20/5 = 4 3 & \text{k}; (19 (frac{5}{8})) = 37/8 = 4.625 19.888 \text{ yra arčiau } 20/5 = 4 3 & \text{k}; (19 (frac{5}{8})) = 37/8 = 4.625 19.888 \text{ yra arčiau } 20/5 = 4 3 & \text{k}; (19 (frac{5}{8})) = 37/8 = 4.625 19.888 \text{ yra arčiau } 20/5 = 4 3 & \text{k}; (19 (frac{5}{8})) = 37/8 = 4.625 19.888 \text{ yra arčiau } 20/5 = 4 & \text{k}; (19 (frac{5}{8})) = 37/8 = 4.625 19.888 \text{ yra arčiau } 20/5 = 4 & \text{k}; (19 (frac{5}{8})) = 37/8 \text{ yra arčiau } 20/5 \text{ yra ar$ Atsakymas: 17 \(\frac{5}{6} \div 6 \frac{1}{4}\) < \(11 \frac{5}{7} \div 2 \frac{3}{4}\) Paaiškinimas: 17 \(\frac{5}{6}\) = 107/6 = 17.833 6 \(\frac{1}{4}\) = 25/4 = 6.25 17.833 yra arčiau 18 6,25 yra arčiau 18 6,25 yra arčiau 18 6,25 yra arčiau 12 2,75 yra arčiau 3 12/3 = 4 3 < 4 17 \(\frac{5}{6}\) = 107/6 = 17.833 6 \(\frac{1}{4}\) = 25/4 = 6.25 17.833 yra arčiau 18 6,25 yra arčiau 6 18/6 = 3 11 \(\frac{5}{7}\) = 82/7 = 11.714 2 \(\frac{3}{4}\) = 11/4 = 2.75 11.714 yra arčiau 12 2,75 yra arčiau 3 12/3 = 4 3 < 4 17 \(\frac{5}{6}\) = 107/6 = 17.833 6 \(\frac{1}{4}\) = 25/4 = 6.25 17.833 yra arčiau 18 6,25 yra arčiau 18 6,2 \frac{1}{4}\) < \(11 \frac{5}{7} \div 2 \frac{3}{4}\) |vertinti kotirentus - Puslapis Nr. 105 [vertinimas naudojant suderinamus numerius. On the first question. \(12 \frac{3}{16} \div 3 \frac{9}{10}\)_ Answer: 3 Callout: 12 \(\frac{3}{16}\) = 195/16 = 12.1875 3 \(\frac{9}{10}\) = 39/10 = 3.9 12.1875 is closer to 12 3.9 is closer to 4 12/4 = 3 2 question. \(15 \frac{3} {8} \div \frac{1}{2}\) Answer: 30 Callout: 15 \(\frac{3}{8}\) = 123/8 = 15. 375 \(\frac{1}{2}\) = 0.5 15,375 is closer to 15 0.5 is closer to 0.5 15/0.5 = 30 questions. \(22 \frac{1}{5} \div 1 \frac{5}{6}\) = 11/5 = 22.21 \(\frac{1}{5}\) = 11/6 = 1.8333 22.2 is closer to 22 1.8333 is closer to 2 22/2 = 11 4 question. \(7 = 1.8333 22.2 is closer to 2 2.1.8333 is closer to 2 2.2.2 is clo Atsakymas: 16 Paaiškinimas: 7 \(\frac{7}{9}\) = 70/9 = 7.777 \((\frac{4}{7}\) = 0.571 7.777 yra arčiau 8 0,571 yra arčiau 0,5 8/0,5 = 16 5 klausimas. \(18 \frac{1}{4} \div 2 \frac{4}{5}\) Atsakymas: 6 Paaiškinimas: 18 \(\frac{1}{4})) = 73/4 = 18.25 2 \(\frac{4}{5})) = 14/5 = 2.8 18.25 yra arčiau 18 2,8 yra arčiau 3 18/3 = 6 \frac{7}{9} \div \frac{4}{7}\) Atsakymas: 30 Paaiškinimas: 14 \(\frac{7}{8}\) = 119/8 = 14.875 \(\frac{5}{11}\) = 0.4545 14.875 yra arčiau 15 0,4545 yra Atsakymas: 10 Paaiškinimas: \(\frac{15}{16}\) = 0.9375 \(\frac{1}{7} \) = 0,1428 0,9375 yra arčiau 1 0,1428 yra arčiau 0,1 1/0,1 =
10 7 klausimas. \(14 \frac{7}{8} \div \frac{5}{11}\) _ klausimas 6. $(\frac{15}{16} \frac{1}{7})$ arčiau 0,5 15/0,5 = 30 8 klausimo. \(53 \frac{7}{12} \div 8 \frac{11}{12}\) Answer: Explanation 6: 53 53 = 643/12 = 53,58 8 \(\frac{11}{12}\) = 107/12 = 8.916 53.58 is closer to 9 54/9 = Question 6 9. \(1 \frac{1}{6} \div \frac{1}{6}\) = 7/6 = 1.166 \(\frac{1}{5}\) = 0.111 1.166 is closer to 1 0.111 is closer to 0.1 1/0.1 = 10 Problem Solving 10 question. Rate the pieces Sharon will have if she divides the 15\(\frac{1}{3}\) yard length. About ______ units Answer: About 3 pieces Explanation: Sharon will have if she divides 15\(\frac{1}{3}\) yard lengths. 3 7/36 is the answer. So, about 3 pieces Explanation: Sharon will have if she divides 15\(\frac{1}{3}\) yard lengths. 3 7/36 is the answer. So, about 3 pieces Explanation: Sharon will have if she divides 15\(\frac{1}{3}\) yard lengths. 3 7/36 is the answer. So, about 3 pieces Explanation: Sharon will have if she divides 15\(\frac{1}{3}\) yard lengths. 3 7/36 is the answer. So, about 3 pieces Explanation: Sharon will have if she divides 15\(\frac{1}{3}\) yard lengths. 3 7/36 is the answer. So, about 3 pieces Explanation: Sharon will have if she divides 15\(\frac{1}{3}\) yard lengths. Question 11. Estimate the number of quartz containers ,{1}{2},Ethan, which can be filled from a container with a water quartet of 8 \(\frac{7}{8}\). About _____ containers 12 question. What is the difference in the assessment of the coefficients from the evaluation of the products? Enter below: _____ Answer: To evaluate products and daltensis, you must first wrap the numbers. To round to the nearest integer, look at the number in the decimal place. If it is less than 5, round down. If it is 5 or more, round. Remember that the rating is an answer that is not accurate, but is approximate and reasonable. Let's look at the example of product evaluation. Evaluate product: 11,256×6.81 First, round the first number. Since there are 2 in the tenth place, 11,256 rounds up to 11. Then wrap the second numbers. 11×7=77 The answer is 77. Let's look at the example of guotient evaluation. Calculate guotient: 91.93÷4.39 First, round the first number. Because in tenth place there are 9.93 rounds to 92. Then wrap the second number. Since the tenth place is 3, 4.39 rounds to 4. Then divide the rounded numbers. 92+4=23 The answer is 23. Lesson check – Page 106 Question 1. Each pumpkin loaf requires 1 \(\frac{3}{4}\) cups of raisins. About how many loaves can be made from 10 cups of raisins? About Loaves Answer: About 5 Keels Explanation: Share 10 of 1 3/4. The answer is 5.714285 So you can make about 5 loaves of bread with 10 cups of raisins. On the second question. Perry's goal is to run 2 \(\frac{1}{4}\) miles each day. One wheel around the school track is a mile of \(\frac{1}{3}\). About how many laps does it have to run to achieve his goal? About _ Wheel Answer: About 9 laps Explanation: Perry's goal is to run 2\(\frac{1}{4}) miles each day. One wheel around the school track is a mile of \(\frac{1}{3}). 2 \(\frac{1}{3}) = 0.333 Perry will have to run 9 laps your goal. Spiral Review Question 3. The recipe calls a (\frac{1}{3}) = 0.333 Perry will have to run 9 laps your goal. $\{4\}\$ teaspoon of red pepper. Uri wants to use $(\frac{1}{3})\$ from Amount. How much red pepper should it use? $(\frac{1}{3})\$ from $(\frac{1}{3})\$ from $(\frac{1}{3})\$ from $(\frac{1}{3})\$ from $(\frac{1}{3})\$ from $(\frac{1}{3})\$ ____ cups Answer: 4 cups Explanation: the recipe requires 2 2/3 cups of apple slices. Zoe wants to use 1 1/2 times this amount. We multiply the number of apple slices to 1 1/2 2 2/3 X 1 1/2 8/3 X3/2 = 24/6 = 4 cups Zoe will 2 \(\frac{2}{3}\) cups of apple slices. Zoe wants to use 1 \(\frac{1}{2}\) times this amount. How many cups of apple should you use Zoe? use 4 cups of apple slices. On the fifth question. Edgar has a 2.8-meter rope. If it cuts it into 7 equal parts, how long will each piece be? _____ meters Answer: 0.4 meters Explanation: 2.8/7 = 0.4 meter Question 6. Kami has 7 liters of water to fill water bottles that each has 2.8 liters. How many bottles can it fill? _____ bottles Answer: 2 bottles Explanation: 7/2.8 = 2.5 it can only fill 2, because nothing above that would be 8.4 liters of water Share and Show - Page No 109 Rating. Then find the dalient. On the first question. \(\frac{3}{10}\) \div 3 \(\frac{3}{10}\) Callout: 5/6 = 0.8333 is closer to 0.9 0.9/3 = 0.3 = 3/10 Use a number line to find a quote. On the second question. \(\frac{3}{10}\) \div 3 \(\frac{1}{0}\) \div 3 \(\frac{1}{0}\) \div 3 \(\frac{1}{10}\) Answer: Explanation: $3/4 \times 8 = 3 \times 2 =$ Question 6 3. \(\frac{3}{5} \div \frac{3}{10}\) Answer: Explanation: $3/5 \times 10/3 = 2$ Rating. Then write a piece in the simplest form. On the fourth question. $\Box = \frac{5}{6}^{3}{4}$ Answer: \(\frac{1}{1}\) 3 4 = 0.75 is closer to 0.8 5/6 = 0.8333 is closer to 0.8 0.8/0.8 = Question 1 5. \(3 \div \frac{3}{4}\) Answer: 4 Callout: 3/4 = 0.75 3/0,75 =Question 4. $\Box = \frac{3}{4}{1}^2$ Answer: \\\frac{2}{100}\) 0.5 3/4 = 0.75 is closer to question 7. \\frac{2}{100}\) Answer: $(\frac{12}{12} + 0.75)$ Answer: 20 Callout: 1/8 = 0,125 is closer to question $0.1 2/0.1 = 20 9. {3}{4}$ Answer: \\\frac {1}{1}\} 3/] 4 = 0.75 is closer to 0.8 3/5 = is 0.6 close piece of the simplest form 8 question. \(2 \div \frac{1}{8}\) Answer: 40 Explanation: 1/7 = 0.1428 is closer to 0.1 4/0.1 = 40 practice: copy and deal evaluate using transaction order. Write the answer in the simplest form. 12. \(\left(\frac{1}{10}\right) \div 2\) \(\frac{1}{20}\) Explanation: 3/5 + 1/10 = 7/10 = 0.7 0.7/2 = 7/20Question 13. \(\frac{3}{5}+\frac{1}{10}\right) \div 2\) \(\frac{1}{20}\) Explanation: 3/5 + 1/10 = 7/10 = 0.7 0.7/2 = 7/20Question 13. \(\frac{3}{5}+\frac{1}{10}\right) \div 2\) \(\frac{1}{20}\) Explanation: 3/5 + 1/10 = 7/10 = 0.7 0.7/2 = 7/20Question 13. \(\frac{3}{5}+\frac{1}{10}\right) \div 2\) = 0.1 = 1/10 11. \(4 \div $5+\frac{1}{10} \det 2$) ($\frac{1}{10} \det 2$) $(frac{[]{[]})} Answer: Explanation: 2/(1/10) = 1/5 3/5 + 1/5 = 4/5 Question 15. To summarize Let's say that the divider and the dividends of the division$ problem are also fractions of 0 to 1, and the divisor is higher than the dividend. Is the partial less than, equal to or greater than 1? Type below: ______ Answer: Divider & gt; Dividend Lesser Number Is divided by a larger number is divided by a larger number, the dealer is a smaller example: 0.5/0.6 Here they are both numbers 0 to 1, and the divisor is larger than the dividend. The result is 0.8333, less than 1 Problem Solving + Programs - Page 110 Use table 16-19. Question 16: Kristen wants to cut the ladder slats from the 6-foot board. How many ladder rungs can it cut? ladder rungs Answer: 8 ladder slats Explanation: Kristen wants to cut ladder slats from 6 feet board. ladder rails = 3/4 ft 6/(3/4) = 8 slats question 17. Posing a problem 16. Write and solve a new problem by replacing the board length kristen cutting ladder slats. Type below: Answer: Kristen wants to cut out ladder slats from 9 foot boards. How many ladder rungs can it cut? Kristen wants to cut the ladder slats from the 9-foot board. ladder rails = 3/4 ft 9/(3/4) = question 18 of 12 transverse 18. Dan paints a design that has 8 equal parts over the entire length of the windowsill. How long is each part of the design? \(\frac{1}{1}) yards Answer: \(\frac{1}{1}) yards Explanation: Dan draws a design that contains 8 equal parts over the entire length of the windowsill. $(1/2)/8 = 1/2 \times 1/8 = 1/16 \times 1/8 \times 1/8 = 1/16 \times 1/8 \times$ ____ characters Answer: 3 characters Explanation: Dan has a board that is $(\frac{15}{16})$ p. If the length of the mark is changed to half the original length, $\frac{5}{2} = 5/16$ (15/16) + $\frac{5}{16} = 15/16 \times 16/5 =$ Question 3 20. Lauren has a $(\frac{12}{8})$ cup of dried fruit in bags, each holding a cup of $\frac{11}{8}$. How many bags will Lauren use? Explain the answer in words and numbers. Enter below: Answer: 6 Explanation: Lauren has $(\frac{3}{4})$ a cup of dried fruit in bags, each farm $(\frac{1}{8}) (\frac{1}{8}) = 3/4 \times 8 = 6$ Lauren has 3/4 and 1/4 is 2 1/8s. That 3-quarters of times two = 6 follows 6 one eight divided fractions - Page No 111 Rating. Then write a piece in the simplest form. On the first question. $(5 \cdot 1){6} \cdot 1){6}$ Answer: 25 Explanation: 1/6 = 0,166 is closer to 0.2 5/0.2 = question 25. \(\frac{1}{2} \div \frac{1}{4}\) ____ Answer: 5 Explanation: 1/2 = 0.5 is closer to 0.2 1/0.2 = 5 Question 3. \(\frac{4}{5} \div \frac{2}{3}\) ____ \(\frac{1}{5}\) Callout: $4 / \Box 5 = 0.8$ is closer to 0.8 2/3 = 0.66 is closer to 0.6 0.8/0.6 = 1 1/5Fourth question . (\frac{1}{15}) div 7) (\frac{1}{15}) Callout: 1/3 = 0.33 is closer to question 0.6 0.6/0.6 = 1 7. (\frac{5}{6} \div \frac{1}{1}) 21 = 0.571 is closer to 0.6 2/3 = 0.666 is closer to question 0.6 0.6/0.6 = 1 7. (\frac{5}{6} \div \frac{5}{6} \div \frac{1}{1}}) Answer: 2 Call: 5/6 = 0.833 is closer to 0.85/12 = 0.416 is closer to question 0.40.8/0.4 = 2.8. {5}{8} Answer: 1 \(\frac{1}{2}\0) = 0.625 is closer to 0.61/2 = 0.5 is closer to 0.61/2 = 0.416 is closer to 0.8/0.4 = 2.8. {5}{8} Answer: 1 \(\frac{1}{2}\0) pizza for her family, \frac{5}{12}\) how many pieces will her family get? _____ units Answer: 6 piece Explanation: Pizza is divided into 4 pieces, Joy ate 1/4. So, the left pictures are 1 - 1/4 = 3/4 now, 3/4 pizza and joy will divide this part of pizza is divided into 4 pieces, Joy ate 1/4. So, the left pictures are 1 - 1/4 = 3/4 now, 3/4 pizza and joy will divide this part of pizza is divided into 4 pieces. Joy ate 1/4. So, the left pictures are 1 - 1/4 = 3/4 now, 3/4 pizza and joy will divide this part of pizza is divided into 4 pieces. Joy ate 1/4. So, the left pictures are 1 - 1/4 = 3/4 now, 3/4 pizza and joy will divide this part
of pizza is divided into 4 pieces. Joy ate 1/4. So, the left pictures are 1 - 1/4 = 3/4 now, 3/4 pizza and joy will divide this part of pizza is divided into 4 pieces. Joy ate 1/4. So, the left pictures are 1 - 1/4 = 3/4 now, 3/4 pizza and joy will divide this part of pizza is divided into 4 pieces. Joy ate 1/4. So, the left pictures are 1 - 1/4 = 3/4 now, 3/4 pizza and joy will divide this part of pizza is divided into 4 pieces. Joy ate 1/4. So, the left pictures are 1 - 1/4 = 3/4 now, 3/4 pizza and joy will divide this part of pizza is divided into 4 pieces. Joy ate 1/4. So, the left pictures are 1 - 1/4 = 3/4 now, 3/4 pizza and joy will divide this part of pizza is divided into 4 pieces. Joy ate 1/4. So, the left pictures are 1 - 1/4 = 3/4 now, 3/4 pizza and joy will divide this part of pizza is divided into 4 pieces. Joy ate 1/4. So, the left pictures are 1 - 1/4 = 3/4 now, 3/4 pizza and joy ate 1/4. So, the left pictures are 1 - 1/4 = 3/4 now, 3/4 pizza and joy ate 1/4. So, the left pictures are 1/4. So, the left pictures are 1 - 1/4 = 3/4 now, 3/4 pizza and joy ate 1/4. the festival. Each balloon will need a \(\frac{3}{10}\) ribbon yard. How many balloons can you hide a tie with a ribbon? ______ balloons Answer: 2 balloons with 3/5 yard, Hideko can tie 2 balloons problem solving question 11. Rick knows that 1 cup of glue weighs a pound of $(\frac{1}{18})$. It $(\frac{1}{18})$, by many cups of glue does it have? _____ cups Answer: 12 cups question 12. Ms. Jennings had a gallon of $(\frac{1}{17})$ gallons of paint. She gave a gallon of $(\frac{1}{7})$ to each of some students. How many students got the paint if Mrs. Jennings gave up all the paint? _____ Students Reply: 4 Students Explanation: Ms. Jennings had \(\frac{1}{7}\) = = 3.571 is closer to Question 4 13. Write a word problem that includes two fractions. Add a solution. Type below: Answer: Ms. Jennings had $(\frac{1}{7})$ to each of some students. How many students of he paint. She gave a gallon of $(\frac{1}{7}) + (\frac{1}{7}) = 25/7 = 3.571$ is closer to 4 Lesson Check – Page No 112 Question 1. There was a \(\frac{2}{3}\) pizza for 6 friends to share equally. What part of the pizza did everyone get? \(\frac{1}{9}\) Explanation: 6 friends had \(\frac{2}{3}\) pizza so that 6 friends could share the same way. \(\frac{2}{3}\) + 6 = 2/3 x 1/6 = 2/18 = 1/9 Question 2. Rashad needs \ (\frac{2}{3}\) pound wax to make a candle. How many candles can he make with 6 pounds of wax? _____ candles Answer: 9 candles So, for 6 pounds, 6 x 3/2 = 9 candles Spiral review Question 3. Jeremy had a \(\frac{3}{4}\) underwater sandwich and gave his friend \(\frac{1}{3}\) from it. 1/3 x 3/4 = 1/4 Question 4. Ebony walked 3 rate \(\frac{1}{2}\) miles per hours. 1/2 miles = 7/2 miles fifth question. Penny uses \(\frac{3}{4}\) yard fabric for each pillows he makes. How many pillows can it make using 6 meters of fabric? _____ pillows Explanation: Penny uses \(\frac{3}{4}\) fabric yard for each pillows can it make using 6 meters of fabric? _____ pillows Explanation: Penny uses \(\frac{3}{4}\) fabric yard for each pillows can it make using 6 meters of fabric? _____ pillows Explanation: Penny uses \(\frac{3}{4}\) fabric yard for each pillows can it make using 6 meters of fabric? _____ pillows can it make using 6 meters of fabric? _____ pillows can it make using 6 meters of fabric? _____ pillows Explanation: Penny uses \(\frac{3}{4}\) fabric yard for each pillows can it make using 6 meters of fabric? _____ pillows Explanation: Penny uses \(\frac{3}{4}\) fabric yard for each pillows can it make using 6 meters of fabric? _____ pillows explanation: Penny uses \(\frac{3}{4}\) fabric yard for each pillows can it make using 6 meters of fabric? _____ pillows explanation: Penny uses \(\frac{3}{4}\) fabric yard for each pillows can it make using 6 meters of fabric? _____ pillows explanation: Penny uses \(\frac{3}{4}\) fabric yard for each pillows can it make using 6 meters of fabric? _____ pillows explanation: Penny uses \(\frac{3}{4}\) fabric yard for each pillows can it make using 6 meters of fabric? _____ pillows explanation: Penny uses \(\frac{3}{4}\) fabric yard for each pillows explanation: Penny uses \(\frac{3}{4}\) fabric yard for each pillows explanation: Penny uses \(\frac{3}{4}\) fabric yard for each pillows explanation: Penny uses \(\frac{3}{4}\) fabric yard for each pillows explanation: Penny uses \(\frac{3}{4}\) fabric yard for each pillows explanation: Penny uses \(\frac{3}{4}\) fabric yard for each pillows explanation: Penny uses \(\frac{3}{4}\) fabric yard for each pillows explanation: Penny uses \(\frac{3}{4}\) fabric yard for each pillows explanation: Penny uses \(\frac{3}{4}\) fabric yard for each pillows explanation: Penny uses \(\frac{3}{4}\) fabric yard for each pillows explanation: What was his average time per lap? econds Answer: 32.4 seconds Explanation: During knee practice, Chris ran 2.5 laps in 81 seconds. 81/2.5 = 32.4 seconds Explanation 21: Model 3 with 3 hexagon blocks. Model 1/2 with 1 trapezoidal block. 1/6 The blocks of 6 triangles are equal to 1 hexagon. Thus, the triangle blocks of 6 triangles. There are 21 triangle blocks. Thus, 3 1/2 ÷ 1/6 = 21. On the second question. \(2 \frac{1}{2} \div \div _____ are equal to 1 hexagon. Thus, the triangle block indicates 1/6. Count the triangles. There are 15 triangular blocks. So \ (2 \frac{1}{2} \div \frac{1}{3} \div \frac{1}{6}) = 15. Use model blocks to find the divider. Then draw a pattern. On the third question 16 4. (3 \frac{1}{2} \div \frac{1}{2} \div \frac{1}{6} \div \frac{1}{ ____ Answer: Explanation: $3 1/2 = 7/2 7/2 \div 1/2 = 7$ Draw a pattern to find the particle. On the fifth question. $(3 \rac{1}{2} \dim 3)$ _____ $(\frac{1}{2} \dim 3)$ _____ $(\frac{1}{2} \dim 3)$ _ Answer: Multiply the entire number by a fraction denominator. Add this to the counter. Then write the result on the denominator. Troubleshooting + Applications – Page 116 Use a model to solve it. Then write the equation for the pattern. On question 8. Use Models Eliza opens a divide mixed numbers by fractions or whole numbers Type below:

_ Answer: 16 sets are in the box Explanation: Eliza opens a box of sets of beads. The box weighs 2 \(\frac{2}{3}\) lb. Each set of beads weighs \(\frac{1}{6}\) lb, 2 \(\frac{2}{3}\) box of sets of beads. The box weighs 2 \(\frac{2}{3}\) lb. Each set of beads weighs \(\frac{1}{6}\) lb. How many sets are in the box? What does the answer mean? Type below: ____ ÷ \(\frac{1}{6}\) = 8/3 ÷ 1/6 = 16. 16 sets are in box 9 question. Hassan has a mixture of two boxes of trail. Each cell contains 1 \(\frac{2}{3}\) lb trail every day. How many days does Hassan eat the trail mixture before it runs out? _____ days Answer: 10 days Explanation: Hassan has two boxes of trail mix. Each cell contains 1 \(\frac{2}{3}\) lb trace mixture. 1 \(\frac{2}{3}\) lb trace mixture for 10 days before he runs out. Question 10: Meaning or nonsense? Steve made this model show \(2 \frac{1}{3} \div \frac{1}{6}\). He says the partial is 7. Is his answer feeling or nonsense? Steve made this model show \(2 \frac{1}{3} \div \frac{1}{6}\). He says the partial is 7. Is his answer feeling or nonsense? Steve made this model show \(2 \frac{1}{3} \div \frac{1}{6}\). _ Answer: \(2 \frac{1}{3} \div \frac{1}{6}\) = 7/3 ÷ 1/6 = 14. He said the odds are 7. His answer is nonsense. Question 11: Eva makes buns for sale at the fundraiser. It has 2 \(\frac{1}{4}\) cups of flour, and the recipe calls \(\frac{3}{4}\) cup of flour for each batch of muffins. Explain how to use the model nonsense? Explain your arguments Type below: ____ Answer: 3 Explanation: Eva makes buns for sale fundraiser. It has 2 \(\frac{1}{4}\) cups of flour, and the recipe calls \(\frac{3}{4}\) cup flour a batch of muffins. 2 \(\frac{1}{4}\) + $(\sqrt{rac{3}{4}}) = 9/4 + 3/4 = Model 3 Mixed Number section - Page 117 Use the model to find the quotient. On the first$ to find the number of buns, Help Eva. Enter below: ____Answer: Explanation 9: Count the number of trapezoids to find the answer. On the second question. \(3 \frac{1}{3} \div \frac{1}{6}\) _____Answer: 20 Use model blocks or another model to find a dalient. Then draw a pattern. On the third question. \(2 \frac{1}{2} \div \frac{1}{6}\) _____Answer: Explanation: Model 2 question. \(4 \frac{1}{2} \div \frac{1}{2}\) ____ with 2 hexagon blocks. Model 1/2 with 1 trapezoidal block. 1/6 The blocks of 6 triangles are equal to 1 hexagon. Thus, the triangle block indicates 1/6. Count the triangles. There are 15 triangular blocks. Thus, 212÷16 = 15. On the fourth question. \(2 \frac{3}{4} \div 2\) _____ Answer: Explanation: 2 3/4 ÷ 2 = 11/2 5 problem solving problems. Marty has 2 \ $(\frac{4}{5})$ quart juice. It pours the same amount of juice into 2 bottles. How much will he pour into each bottle? _____ ($\frac{1}{3})$ quarts Answer: 1/($\frac{1}{5})$ quarts Answer: 1/($\frac{1}{5})$ quarts Answer: 1/($\frac{1}{5})$ quarts Answer: 1/($\frac{1}{5})$ quarts Answer: 1/($\frac{1}{3})$ pounds of portions are 4 \(\frac{2}{3}) pounds of cheese? _____ pounds Answer: 14 pounds Explanation: 4 2/3 = 14/3 (14/3)/(1/3) = Question 14 7. Write a word issue that involves splitting a mixed number from a whole number. Fix the problem and describe how you found the answer. Type below: _____ Answer: How much \(\frac{1}{3}\) pound servings is 4 \(\frac{2}{3}\) pounds of cheese? Explanation: 4 2/3 = 14/3 (14/3)/(1/3) = 14 Lesson Check – Page No 118 Sketch pattern to find the dividers. On the first question. Emma has 4 \(\frac{1}{2}\) pounds birdseed. She wants to divide it evenly between 3 bird feeders. How many birdseed should it put into each? $(\frac{\Box}{\Box}) pounds Answer: 1$ (\frac{1}{2}) pounds Explanation: Emma has 4 1/2 pounds birdseed. Convert this to an invalid fraction. 4 1/2 = 9/2 Emma wants to evenly divide it by 3 bird feeders. Thus, it should submit (9/2)/3 = 3/2 = 1 1/2 question 2. The cracker box weighs 11 \(\frac{1}{4}\) ounces. Kaden calculated that one serves an ounce of \(\frac{3}{4}\). How many portions are in the box? _____ portions Answer: 15 portions Explanation: 11 1/4 to 3/4 11 1/4 = 45/4 45/4 / 3/4 = 45/4 × 4/3 = 180/12 = 15 portions Spiral Review Question 3. The Ecology Club volunteered to clear the 4.8-kilometer highway. Members are divided into 16 teams. Each team will clean the same highway. How many highways will each team be clean? kilometers Answer: 0.3 kilometers Explanation: Ecology Club voluntarily cleaned 4.8 kilometers of highway. Members divided into 16 teams. 4.8/16 = 0.3 So each team will clear the 0.3 kilometer highway. On the fourth question. Tyrion has \$8.06. How many bagels can he buy if each bagel _ bagels Answer: 12 bagels Explanation: \$8.06/\$0.65 = 12.4 12 bagels Question 5. The nail is 0.1875 inches thick. What is its thickness as a fraction? Is 0.1875 inches closer to the \(\frac{1}{8}\) inch or \(\frac{1}{4}\) inch number in the string? Type below: costs \$0.65? Answer: 0.1875 = 3/16, which is the same distance to 1/4 and 1/8 This is the same distance from each other. On question six. Mary wants to find product 5 \(\frac{3}{20}\) × 3 \(\frac{4}{25}\) using decimals instead of fractions? Type below: ______ Answer: 16,274 Explanation: Decimal 5 3/20 is 5.15 Decimal 3 4/25 is 3.16 5.15 × 3.16 = 16.274 Share and View – Page No. 121 Rating. Then write a piece in the simplest form. On the first question. {1}{3} Answer: $5(\frac{1}{2})$ b trail. How much trail mix did every hiker get? $(\frac{1}{2})$ Answer: $5(\frac{1}{2})$ b trail. How much trail mix did every hiker get? $(\frac{1}{2})$ Answer: $5(\frac{1}{2})$ Answer: $5(\frac{1}{2})$ b trail. How much trail mix did every hiker get? $(\frac{1}{2})$ Answer: $5(\frac{1}{2})$ Answer: $5(\frac{1}{2})$ Answer: $5(\frac{1}{2})$ Answer: $5(\frac{1}{2})$ B trail. How much trail mix did every hiker get? $(\frac{1}{2})$ Answer: $5(\frac{1}{2})$ Answer: $5(\frac{1}{2})$ Answer: $5(\frac{1}{2})$ Answer: $5(\frac{1}{2})$ Answer: $5(\frac{1}{2})$ Answer: $\frac{1}{2}$ Answer: $5(\frac{1}{2})$ Answer: $5(\frac{1}{2})$ Answer: $\frac{1}{2}$ Answer: $\frac{1}$ $(\frac{75}{100})$ Explanation: 6 hikers = 4.5 lbs trail mix 4.5/6= .75 lbs each hiker. On the third question. $\Box = \frac{2}{3}$ Answer: $2(\frac{12}{100})$ Callout: 52/3 = 17/3 = 5.55666 is closer to 5.6/3 = 1.866 is closer to 947/1000 Question $4. \frac{7}{12}$ div $2\frac{12}{2}$ Answer: 3Callout: 71/2 = 15/2 = 7.521/2 = 7.521/2 = 5/2= 2.5 7.5/2,5 = 3 According to your estimate. Then write a piece in the simplest form. On the fifth question. {3}{4} Answer: 1\(\frac{1}{2}{27}{100} \square \) Callout: 5 3/0 4 = 23/4 = 5,75 4 1/2 = 9/2 = 4,5 5,75/4,5 = 1,27 = 1 27/100 Question 6. \(5 \div 1 \frac{1}{3}\) ____ \(\frac{1}{3}\) ____ \(\frac{84}{100}\) Callout: 1/3 = 4/3 = 1.33 is closer to question 1.3 5/1.3 = 3.84 = 3 84/100 Question 7. \(6 \frac{3}{4} \div 2\) (\frac{2}{5}\) Callout: 6 3/4 = 27/4 = 6.75 is closer to 6.8 6.8/2 = 3.4 = 3 2/5 Question 8. {2}{9 = 20/9 = 2 .22 is closer to 2.2 1 3/7 = 10/7 = 1,428 is closer to question 1.4 2.2/1.4 = 1,571 = 1 571/1000 9. How many 3 \ (\frac{1}{3}\) yd units can Amanda get from 3 \(\frac{1}{3}\) yd ribbon? _____ Answer: 1 Explanation: (3 1/3) ÷ (3 1/3) = Question 1 10. Samantha cut 6 \(\frac{3}{4}\) yd yarn into 3 equal parts. Explain how she could use mental find the length of each piece type below: ____ Answer: 27/12 Explanation: Samantha cut 6 \(\frac{3}{4}\) yd yarn into in equal proportions. 6 3/4 = 27/4 (27/4)/3 (27/4)(1/3) = 27/12 Algebra Estimate according to transaction procedure. Write the answer in the simplest form. Question 11: {1}{2} Answer: 2\(\frac{1}{3}{1}{4} \square) 202) × 2 = 3/2 × 2 = 3 1 1/3 = 4/3 3/(4/3) = 9/4 = 2,25 = 2 1/4 Question 12. \(1 \frac{2}{5} \div 1 \frac{13}{15} + \frac{5}{8}\)_ $(\frac{1}{2}) Answer: 1(\frac{3}{2})$ $\{8\}$ Callout: $(1 2/5))))/(1 13/15) = (7/5)/(28/15) = 3/4 = 0.75 0.75 + 0.625 = 1,375 = 1 3/8 Question 13. <math>(3 \frac{1}{2}-1 \frac{1}{2})$ Answer: 2 Callout: $(1 5/6)/(1 2/9) = (11/9))(6)/11/9 = 3/2 = 1 1/2 = 1.5 3 1/2 = 7/2 = 3.5 3.5 - 1.5 = Question 2 14. Search for the model Find the following factors: <math>(20 \dim 4 \frac{1}{5}), (10 \dim 4 \frac{1}{2}-1)$ (5), $(5 \cdot 10 + 10)$. Describe you see the pattern. Type below: ______ Answer: 20 ÷ 4 4/5 = 20 ÷ 24/5 = 20/4,8 = 4.1666 10 ÷ 4 4/5 = 5 ÷ 24/5 = 5/4,8 = 1,04166 The model is multiplied by 2 each time. Page 122 Question 15. Dina hikes ((12)) easily trail and stops to break every 3 ((12)) miles. How many breaks will it take? A. What problem do you ask to solve? Enter below: ______ Answer: How many breaks Dina will take when hiking \(\frac{1}{2}\) easily trail and stops breaks every 3 \(\frac{1}{4}\) mile. Question 15: B. How will you use the information in the table to solve the problem? Enter below: ______ Answer: Dina light trail length break time Question 15. C. How can you find distance dina jumps? How far is it to hike? ______ \(\frac{1}{D}\) miles Answer: 9\(\frac{3}{4}\) miles Explanation: 19 1/2 × 1/2 = 39/4 = 9 3/4 Question 15. D. What operation will you use to find out how many breaks Dina takes? Type below: _____ Answer: Chapter 15 guestion. E. How many _ break Answer: 3 breaks Explanation: 39/4 ÷ 13/4 = Question 3 16. Carlo packs 15 \(\frac{3}{4}\) lb books 2 boxes. Each book weighs 1 \(\frac{1}{8}\) lb. Box A contains 4 more books than box B. How many books are in cell A? Explain your work. ______ Book Answer: Carlo packs 15 \(\frac{3}{4}\) lb books 2 boxes. Each book weighs 1 \(\frac{1}{8}\) lb. Box A contains 4 more books than box B. How many books are in cell A? Explain your work. ______ Book Answer: Carlo packs 15 \(\frac{3}{4}\) lb books 2 boxes. Each book breaks will Dina take? weighs 1 \(\frac{1}{8}\) lb. 15 \(\frac{3}{4}\) ÷ 1 \(\frac{3}{4}\) = 63/4 ÷ 9/8 = 14 14 books in 2 boxes. Box A contains 4 more books than box B. Rex's goal is to run 13\(\frac{3}{4}\) miles in 5 days. He wants to run the same distance every day. Jordan said that Rex will have to run 3 \(\frac{3}{4}\) miles each day to reach his goal. Do you agree with Jordan? Explain _Answer: Rex's goal is to run 13 \(\frac{3}{4}\) miles over 5 want to run the same distance every day. 13 \(\frac{3}{4}\) ÷ 5 = 55/4 ÷ 5 = 11/4 or 2 3/4. Jordan's answer is incorrect Split Mixed Numbers - Page No. 123 Rating. Then write a piece in the simplest form. On the first question. {1}{2} Answer: the answer in words and numbers. Enter below: $1(\frac{1}{3}) = 5/2 = 2.5 \text{ is closer to } 3 2 1/3 = 7/3 = 2,333 \text{ is closer to } 2 3/2 = 1,5 = 1 1/2 \text{ Question } 2 . (2 \rac{1}{3}) = 4/3 = 1,333 \text{ is closer to } 1.3 2.6/1,3 = Question 2 3. (2 \rac{5}{8})) ((\frac{1}{2}) = 0.2 (1.3 - 1/2 \rac{1}{2})) = 0.2 (1.3 - 1/2 \rac{1}{3}) = 0.2 (1.3 \rac{1}{3}) = 0.2 (1.3 \rac{1}{3}) = 0.2 ($ 3,625 is closer to 3.6 2/3,6 = 0.5 = 1/2 Question 4. \Box \Box {2}{5}{13}{15} Answer: \\(frac{11{2}}) 6/3 = 20/3 = 6,666 is closer to 6.7 10/6.7 = 3/2 = 1 1/2 Sixth question. Answer: \(Sixth question 1.5 1.9/1.5 = 1.8666 is closer to 1.9 1 2/5 = 7/5 = 1.4 is closer to 1.9 12/5 = 7/5 = 1.4 is closer to 1.9 12/5 = 7/5 = 1.4 is closer to 1.9 12/5 = 7/5 = 1.4 is closer to 1.9 12/5 = 7/5 = 1.4 is closer to 1.9 12/5 = 7/5 = 1.4 is closer to 1.9 12/5 = 7/5 = 1.4 is closer to 1.9 12/5 = 7/5 = 1.4 is closer to 1.9 12/5 = 7/5 = 1.4 is closer to 1.9 12/5 = 7/5 = 1.4 is closer to 1.9 12/5 = 7/5 = 1.4 is closer to 1.9 12/5 = 7/5 = 1.4 is closer to 1.9 12/5 = 7/5 = 1.4 is closer to 1.9 12/5 = 7/5 = 1.4 is closer to 1.9 12/5 = 7/5 = 1.4 is closer to 1.9 12/5 = 7/5 = 1.4 is closer to 1.9 12/5 = 7/5 = 1.4 is closer to 1.9 12/5 = 7/5 = 1.4 is closer to 1.9 12/5 = ${3}{5}$ = 1.1 = 1.1/2 = 2.6 1 1/25 = 2.6/25 = 1.04 is closer to question 1 2,6/1 = 1.3/5 or 2 3/5 7. \square [1]{5} Answer: 1\(\frac{1}{10}) Callout: 2 1 /0]5 = 1.1 = 1.1/10 = 1 $(\frac{1}{8}) = 33/8 + (\frac{1}{8}) = 33/8 + (\frac{1}{8}) = 33/8 + (\frac{1}{8}) = 33/8 + (\frac{1}{8}) = 15/8 (33/8) + (15/8) = 33/15 = 11/5 \text{ or } 2 1/5 \text{ Problem Solving Issue 9. It takes Nim 2 }$ the afternoon? monday to Friday, 8 hours a day. How many bags did he make? bags Answer: 15 baskets Explanation: it worked (Monday – pn) 5 days 8 hours per day = $5 \times 8 = 40$ hrs $40 / (22/3) = 40 / (8/3) = 40 \times 3/8 = 120/8 = 15$ baskets question 10. The tree grows by 1 \(\frac{3}{4}\) feet per year. How long will it take for the tree to grow from 21 feet{1}{4} to 37 _ year Answer: 9 years Explanation: Tree grows 1 3/4 = 7/4 feet per year. If you want to know how long it will take for the tree to grow from 21 1/4 = 83/4 / 1 3/4 = 63/4 / 7 in a pot containing 22 \(\frac{1}{2}\) cups of soup. Type below: Answer: With this in mind, the total number of cups = 22 1/2 ÷ 3/2 = 45/3 = 15 Lesson Check – Page 124 1. The volume has a can of paint, which covers 37 \(\frac{1}{2}\) square meters. Each fence board has an area of \(\frac{3}{16}\) square meters. How many boards can he paint? Board Answer: 200 boards Explanation: Tom has a can of paint that covers 37 \(\frac{1}{2}\) ÷ \(\frac{1}{2}\) ÷ \(\frac{1}{2}\) = 200 square meters question 2. The baker wants to put 3 \(\frac{3}{4}\) pounds of apple in every cake she makes. She purchased 52 pounds of apples. How many cakes can she make? _____ Cakes Answer: 14 Cakes Explanation: Baker wants to put 3\(\frac{3}{4}\) = 14 Cakes Spiral Review Question 3. Three sides of the triangle measure 9.97 meters, 10.1 meters and 0.53 meters. What's the distance around the triangle? _____ meters Answer: 20.6 meters Explanation: The distance around the triangle is the perimeter of the call to get it, we need to add 3 sides. Thus, 9.97 + 10.1 + 0.53 = 20.6 meters question 4. Selena bought 3.75 pounds of meat for \$4.64 per pound. What were the total cost of meat? \$ Answer: \$17.40 The total price of 3.75 lb of meat was \$17.40. On the fifth question. Melanie prepared 7 \(\frac{1}{2}\) tablespoons of spice mixture. She uses a (\frac{1}{4}\) spoon to make a lot of barbecue sauce. Calculate batches of barbecue sauce it can make using a spice mixture. Type below: ____ Answer: 30 batches of sauce Explanation: Melanie prepared 7 \(\frac{1}{2}\) spoonfuls of spice mixture. She uses a (\frac{1}{4}\) spoon to make a lot of barbecue sauce. 4 X 1/4 tablespoons = 1 tablespoon. she can make 30 batches of sauce issue 6. Arturo mixed together 1.24 pounds of pretzels, 0.78 pounds of nuts, 0.3 pounds of sweets, and 2 pounds. How many bags could he fill? _____ bags Answer: 16 bags Explanation: Arturo mixed together 1.24 pounds of pretzels, 0.78 pounds. nuts, 0.3 pounds of sweets, and 2 pounds of popcorn. 1.24 + 0.78 + 0.3 + 2 = 4.32 4.32/0.27 = 16 Page No 127 Question 1. There is a supply of \(\frac{1}{20}\) lb, how many scoops of sand can Maria get from the supply of class and still leave \(\frac{1}{2}\) lb in the supply? Type below: Answer: 16 scoops lb sand class science supply. If one scoop of sand weighs \(\frac{1}{20}\) b, \(\frac{4}{5}\) ÷ \(\frac{2}{5}\) b? How many scoops of sand can it get? _____ scoops Answer: 8 scoops Explanation: There is a supply of \(\frac{2}{5}\) b sand class science. If one scoop of sand weighs $(\frac{1}{20}) = 2/5 \times 20 =$ Question 8 3. The scientific supplies contain 6 gallons of distilled water. If 10 students each use the same amount of distilled water and there are 1 maybe left in the supply, how much will each student receive? $(\frac{1}{20}) = 2/5 \times 20 =$ Question 8 3. The scientific supplies contain 6 gallons of distilled water. If 10 students each use the same amount of distilled water and there are 1 maybe left in the supply, how much will each student receive? $(\frac{1}{20}) = 2/5 \times 20 =$ Question 8 3. The scientific supplies contain 6 gallons of distilled water. If 10 students each use the same amount of distilled water and there are 1 maybe left in the supply. gallon Explanation: Scientific supplies contain 6 gallons of distilled water. There are 1 maybe left in the supply, 6 - 1 = 5 10 students each use the same amount of distilled water = 5/10 = 1/2.5 maybe each student of your own - Page No 128 question 4. The total weight of fish in the tropical fish tank was \(\frac{7}{8}\) lb. Each fish weighed \(\frac{1}{64}\) lb. After Eric bought some fish, the total weight of the fish left in the tank was \(\frac{1}{2}\) lb. How many fish did Eric buy? ______ Fish Answer: 386 fish tank in the fish n fur was \(\frac{7}{8}\) lb. Each fish weighed \(\frac{1}{64}\) lb. After Eric bought some fish, the total weight of the fish remaining in the tank was $(\frac{1}{2})$ b. 386 is the answer to question 5. Fish n Fur had a box containing 2 $(\frac{1}{2})$ b gerbil food that each held $(\frac{1}{2})$ b, $(\frac{1}{2})$ b because it sold 3 bags of gerbil food. Then you multiply 3 by 3.25. On question six. Describe Nico bought 2 lb dog treats. He gave his dog \(\frac{3}{5}\) lb treats one week and \(\frac{7}{10}\) lb treats the next week. Describe how Niko can find how much left. Type below: Answer: Niko bought 2 lb dog treats. He gave his dog $(\frac{3}{5})$ lb treats one week and \(\frac{7}{10}\) lb treats the next week. Let us find the amount of dog food eaten by dogs within two months. 3/5 + 7/10 = 13/10 Now we will take away the amount of food, first looking for the remaining amount of dog food. 2 – 13/10 = 7/10 Therefore, at the end of two months, 7/10 pounds of food remained in the bag. On question seven. There were 14 \(\frac{1}{4}\) cups of apple juice in a container. Every day Elise drank 1 \(\frac{1}{2}\) cups of apple juice on the left. Derek said that drank apple juice for nine days. Do you agree with Derek? Use words and numbers to explain your answer. Enter below: Answer: Derek is correct. Explanation: Apple juice container had 14 1/2 = 14.25 She drank per day = 9 days Problem solving fraction surgery - Page 129 Read each problem and solve it. On the first question. \(\frac{2}{3}\) pizza left. A group of friends divide the remaining pizzas into pieces each equal to \(\frac{1}{18}\) the original pizza. After each friend took one piece, \(\frac{1}{6}\) the original pizza remained. How many friends were in the group? ______ Friends Explanation: Let's say there are x friends. Each gets 1/18 of the original pizza, but this in turn leaves 1/6 of yarn that are $(\frac{1}{8})$ long. It has a piece of yarn, which is 3 meters long. If she left 1 $(\frac{1}{4})$ ards left, 3 – 1 $(\frac{1}{4})$ = 7/4 7/4 ÷ $(\frac{1}{4})$ = 7/4 7/4 ÷ ($(\frac{1}{4})$ containers Answer: 1/($\frac{1}{4}$) containers Explanation: Alex opens 1 pint of orange butter container. It spread{1}{16}s the butter into ($\frac{1}{4}$) pint containers. (15/16) + (3/4) = 5/4 = 1 1/4 Question 4. Kaitlin buys a (\frac{3}{4}\) - pint containers can he fill? pound of \(\frac{9}{10}\) orange slices. She eats \(\frac{1}{3}\) of them and divides the rest equally into 3 bags. How much does each bag cost? ______ lb Answer: 17/90 lb Explanation: Kaitlin buys a pound of orange slices{9}{10}.' She eats \(\frac{1}{3}\) of them, 9/10 – 1/3 = 17/30 That's the amount she left behind. Let's divide this value by 3 to see how many pounds are in one bag. (17/30)/3 = 17/90 One bag contains 17/90 pounds. On the fifth question. Explain how to draw a pattern that corresponds to \(\left(1 \frac{1}{4}-\frac{1}{2}\right) \div \frac{1}{8}\). Enter below: Answer: Divide 2 bars into 8 quarters. Below to draw 1 1/4 or Quarters. Remove 1/2 or 2 quarters Divide each of the 3 quarters remaining in the 2-eighth Callout: \(left(1 \div \frac{1}{8})) 1 1/4 -1/2 = 3/4 3/4 ÷ 1/8 = 6 lesson check - Page No 130 Question 1. Eva wanted to fill the bags with a mixture of \(\frac{3}{4}\) pounds trail. She started with 11 \(\frac{3}{8}\) pounds, but ate a pound of \ $(frac{1}{8})$ before she started filling bags. How many bags could she fill? bags Explanation: 11 and 1/4 to inappropriate 11 and $1/4 \times 4/3 = 15$ bags, it could fill 15 bags question 2. John has a roll containing 24 \(\frac{2}{3}) feet of wrapping paper. He wants to divide it into 11 pieces. First, although it must cut off the foot of the \(\frac{4}{25}\) ft Explanation: John had a roll containing wrapping paper = 24 2/3 = 74/3 First, it must be cut off 5/6 feet because it was torn. He wants to divide it into 11 pieces. 74/3 – 5/6 Taking L.C.M 3 and 6 are 6 (148-5)/6 = 143/6 = 23.83 ft He wants to divide it into 11 units. length of each piece = 23,83/11 = 2,16 ft spiral view question 3. Alexis has 32 \(\frac{2}{5}\) ounce beads. How much necklace can she make if everyone uses 2 \(\frac{7}{10}\) ounce beads? Necklace Answer: 12 Necklace Explanation: Alexis has $32 (\frac{7}{10}) = 162/5 2 (\frac{7}{10}) = 162/5 2 (\frac{7}{10}) = 162/5 2 (\frac{7}{10}) = 27/10 + 12 Necklace Question 4. Joseph has $32.40. He wants to buy several comic books that each cost $2.70. How many comic$ books can he buy? Comic Response: 12 comics Explanation: Joseph has \$32.40. He wants to buy several comic books that each cost \$2.70. \$32.40/\$2.70 = 12 comics question 5. The rectangle is 2 \(\frac{4}{5}\) meters wide and 3 \(\frac{1}{2}\) meters long. What is its area? $(\frac{1}{2}) m2 Response: 9(\frac{4}{5}) m2 Callout: 2 (\frac{4}{5}) m2 Callout: 2 (\frac{4$ $\{5\}$ \) = 14/5 3 \(\frac{1}{2}\) = 7/2 14/5 × 7/2 = 9 4/5 Sixth question. The rectangle is 2.8 meters wide and 3.5 meters long. $2.8 \times 3.5 = 9.8$ Chapter 2 Overview/test – Page 1 1. Write values that range from the lowest to the highest. Type below: Birch is the tallest. True False 3c. Two trees are the same height. True False 3d. The Sycamore tree is taller than the maple tree. True False Type below: Answer: 3a. Oak is the shortest. True 3b. Birch is the tallest. False 3c. Two trees are the same height. False 3d. The Sycamore tree is taller than the maple tree. Explanatory: Sycamore = 15 2/3 = 47/3 = 15.666 Oak = 14.3/4 = 59/4 = 14.75 Maple = 15.75 Birch = 15.72 Page No 132.4 question If the numbers are 4a-4d, select Yes or No to indicate whether the statement is correct. 4a. Point A is 1.0. Yes No 4b. Point C is 6.5. Yes No 4d. D point means (($\frac{4}{5})$). Yes No Below type: Answer: 4a. Point A is 1,0. Yes 4b. Point B means \(\frac{3}{10}\). Yes 4c. Point C is 6.5. No. 4d.D is \(\frac{4}{5}\). Yes, question 5. Select values that are equal to one twenty-fifth. Select all applicable. Options: a. 125 b. 25 c. 0.04 d. 0.025 Answer: c. 0.04 Explanation: one twenty-fifth = 1/25 = 0,04 Question 6. The table shows lily's homework assignment. Lily's teacher instructed the class to simplify each expression by splitting the counter and denominator from GCF. Fill in the table by simplifying each expression and then finding the product. Type below: _ Answer: a. Simplified expression: 1/10 Product: 0.1 b. Simplified expression: 1/2 Product: 0,5 c. Simplified expression: 15/56 Product: 0,267 d. Simplified expression: 1/12 Product: 0.083 Explanation: a. 2/5 × 1/4 = 2/20 Simplify using GCF. 2 and 20 GCF is 2. The counter and denominator shall be divided 2. So 1/10 is the answer. Product: 0.1 b. 4/5 × 5/8 = 1/2 Product: 0.267 d. 4/9 × 3/16 = 1/12 Product: 0.083 Page No 133 Issue 7. Two-fifths of the fish in Gary's fish tank are guppies. A quarter of the guppies are red. What part of the fish is Gary's tank is red guppies? What part of the fish in Gary's tank is not red guppies? Show me your work. Type below: _______ Answer: 1/10 fish are red guppies. and 9/10 fish are not red guppies. Explanation: Two-fifths of the fish gary fish tank contains guppies. A quarter of the guppies are red. Let the total number of fish in Gary's fish tank be x. Given that two-fifths of fish in Gary's fish tank are guppies. So, the number of guppies are red. Red. red guppies are red. Red. red guppies = 1/4 × 2x/5 = x/10 So 1/10 fish are red guppies. 1 – 1/10 = 9/10 fish are not red guppies. On guestion 8. One-third of Finley High School students are in sports. Two-fifths of students who play sports are girls. What proportion of all students are girls who play sports? Use numbers and words to explain your answer. Type below: Answer: One-third of Finley High School students are in sports. Two-fifths of students who play sports are girls. $1/3 \times 2/5 = 2/15$ girls in school sports. On the fourth question. Draw a pattern to find the particle. $(\frac{3}{4}) \div 2 = (\frac{3}{4}) \div 1/3 \times 2/5 = 2/15$ girls in school sports. On the fourth question. Draw a pattern to find the particle. $(\frac{3}{4}) \div 2 = \frac{3}{4} \times 2/5 = 2/15$ girls in school sports. On the fourth question. Draw a pattern to find the particle. $(\frac{3}{4}) \div 2 = \frac{3}{4} \times 2/5 = 2/15$ girls in school sports. On the fourth question. Draw a pattern to find the particle. $(\frac{3}{4}) \div 2 = \frac{3}{4} \times 2/5 = 2/15$ girls in school sports. On the fourth question. Draw a pattern to find the particle. $(\frac{3}{4}) \div 2 = \frac{3}{4} \times 2/5 = 2/15$ girls in school sports. On the fourth question. 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Question 10: Explain how to use the model for daltei- find the divider. 2 \(\frac{1}{2}\) 2 ÷ = Below type: \(\frac{□} $[\Box]$) Answer: 1 \(\frac{11}24}\) Callout: \(\frac{7}{8},) & lt;2> & lt;8>\) + \(\frac{3}{5}\) \(\frac{7}{8}\) × \(\frac{5}{3}\) = 35/24 = 1 \(\frac{11}{24}\) Question 12. \(2 \frac{1}{10} \div 1 \frac{1}{5}=\) = ____ $(\frac{1}{1})$ Answer: 1 $(\frac{3}{4})$ Callout: 2 $(\frac{1}{10})$ & lt; 3> & lt; 0>) = 21/10 1 $(\frac{1}{5})$ = 6/5 (21/10) + (6/5) = question 7/4 or 1 3/4 13. Sophie has a \(\frac{3}{4}\) guartet of lemonade. If she divides lemonade into glasses that hold a guartet of \(\frac{1}{16}\), how many glasses can Sophie fill? Show your work _ glasses Answer: 12 glasses Explanation: Let x be the number of glasses $1/16x = 3/4 \times 16 = 3 \times 4 = 12$ glasses question 14. Ink cartridges weigh a pound of \(\frac{1} {8}\). The total weight of the cartridge in the box is 4 \(\frac{1}{2}\) pounds. How many cartridges are in the box? Show your work and explain why you chose the operation you performed. _ cartridge Answer: 36 cartridges Explanation: Ink cartridge weight = 1/8 pounds Total cartridge weight per box = 4 1/2 = 9/2 pounds, so the number of cartridges in the box is 9/2 ÷ 1/8 = 36 So there are 36 cartridges containing the box. Question 15: Beth had a 1-yard strip. She used the \(\frac{1}{3}\) yard for the project. She wants to split the remaining tape into pieces \(\frac{1}{6}\) yard for a long time. How many{1}{6} pieces of yard strip can it do? Explain your decision. pc Answer: 4 piece Explanation: But had 1 yard strip. She used the \(\frac{1}{3}\) yard for the project. 1 - \(\frac{1}{3}\) = 2/3 to the left of the yard wants to divide the remaining strip into pieces yard for a long time. 2/3 ÷ 1/6 = Page 4 No 135 Question 16. Fill out the table for products. Then answer the questions in Part A and Part B, Explain how each pair of division and multiplication problems is the same and how different they are. Type below: Answer: $1/5 \div 3/4 = 4/15$; $1/5 \times 4/3 = 4/15$; $1/5 \times 4/3 = 4/15$ $2/13 \div 1/5 = 10/13$; $2/13 \times 5/1 = 10/13$; $2/13 \times 5/1 = 10/13$; $2/13 \times 5/3 = 4/3$; $4/5 \times 5/3$ the problem with fractional parts as a multiplication issue. Type below: Answer: First, because it's a division that you need to replace the second fraction called reciprocal. This means that the second group must be flipped against several factions. Question 17: Margie marched the 17/(\frac{7}{8}) trail. She stopped every 3 \(\frac{2}{5}) miles to take pictures. Martin and Tina calculated how many times Margie stopped. Who did a better assessment? Use numbers and words to explain your answer. Type below: Answer: Margie went 17 7/8 miles on the trail. Distance increased by Margie = 17 7/8 = 143/8 miles. She stopped every 3 2/5 miles to take pictures = 17/5 miles Photo Count = (143/8) ÷ (17/5) = 715/136 = 5.28 So she can take no more than 6 photos and at least 5 photos. B is the correct answer. Question 18: Brad and Cool are building a wooden house. They cut 12 \(\frac{1}{2}\) a piece of wood into 5 pieces of the same length. How long is each piece of wood? Show me your work. $(\frac{1}{2}) \in (\frac{1}{2}) \in \mathbb{R}^{1}$ {2}} foot Explanation: Brad and Wes cut a piece of 12 1/2 feet of wood into 5 of the same length. Let the length of 1 piece be x Yes, length 5 units = 5x Total length of wood = 25/2 5x = 25/2 x = 5/2 = 2 1/2 Free grade 6 HMH Go Math Answer Key PDF Download You can get Go Math 6 degree Reply key PDF for free from our page. For free join all questions and explanations on our website. Get all the questions, answers along with explanations. Download free pdf Go Math Grade 6 Response Key. Key.

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