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Given the function $f(x) = 0.5x + 80$

Answers Part A: The average test for math class after completing 2 tests is 81 Part B: The average test for the science class after completing 2 tests is 83 Part C: The science class had the highest average test score after completing the 4 tests. Step-by-step example: The average test score for the mathematical class is given by linear function, $f(x) = 0.5x + 80$. The data from the average test score for science $g(x)$ are $x, q(x)$ 1, 81, 2, 83, 3, 85. Part A: The average test score for math class after completing 2 tests is given as follows: $f(2) = 0.5 \times 2 + 80 = 81$. The average test for math class after completing 2 tests = 81 Part B: The average test score for science after completing 2 tests is given from the table as $x, g(x)$ 2, 83. The average test for the science class after completing 2 tests = 83 Part C: After completing 4 tests, we have for the math class, $f(4) = 0.5 \times 4 + 80 = 82$. For the science class, it is observed that the common difference between each subsequent test score average is 2, therefore the average test score, for the fourth test is 2 added to the average test score after the third test, which gives: Puntuació mitjana de les proves, després de completar la quarta prova per a la classe de ciències, $g(4) = 85 + 2 = 87$. Since $g(4) = 87$ and $f(4) = 82$, la classe de ciències tenia la puntuació mitjana més alta de la prova després de completar la prova 4. Resposta de: ariannapenny98A) $0.5(2) + 80 = 81$ B) 83 C) $f(4) = 0.5(4) + 80 = 82$ $g(x) = 2x + 79$ Slope: $(83 - 81)/(2 - 1) = 2$ $y = 2x + c$ When $x = 1, y = 81$ $81 = 2 + c$ $c = 79$ $g(x) = 2x + 79$ $g(4) = 2(4) + 79 = 87$ Des de 87 i augmenta 2. La ciència té una mitjana més alta després de 4 proves. Resposta de: zafarm2oxgpmxa substituir x per 2 i resoldre: $0.5(2) + 80 = 81$ La mitjana és de 81. b) en $g(x)$ per cada prova la mitjana augmenta en 2: $83 - 81 = 2$ $85 - 83 = 2$ when $g(x)$ is 2, the average was 83. c) math: replace x with 4 and solve: $0.5(4) + 80 = 2 + 80 = 82$ average. science, the average increases by 2 each test, the table has the average after 3 tests as 85, so after 4 tests the average would be $85 + 2 = 87$ science has the highest average. response: part to: $f(2) = 0.10 + 80$ $f(2) = 80.10$ part b: $g(2) = 83$ displays the answer to the table by $g(x)$ part c: science class $g(4) = 87$ $f(4) = 0.20 + 80$ $f(4) = 80.20$ D) -2 (x, y) (3, 5). Point (x, y) is A) (1, 3) B) $(-3/2, -5/2)$ C) $(-6, -10)$ Step by step explanation: Response from: itsmariah1927 Part A: The average test for math class after completing 2 tests is 81 Part B: The average test for the science class after the full test 2 is 83 Part C: The science class had a higher average afterwards complete the test 4 Step-by-step example: $f(x) = 0.5x + 80$ represents the average test score in your math class, where x is the number of the test taken $g(x)$ represents the average test score in its science class, where x is the number of the test taken Part A: $f(x) = 0.5x + 80$ $f(2) = 0.5 \times 2 + 80 = 81$ Part B: $g(x) = 2x + 79$ $g(2) = 2 \times 2 + 79 = 83$ Part C: $f(4) = 0.5 \times 4 + 80 = 82$ $g(4) = 2 \times 4 + 79 = 87$ Answer of: samueldfhung Part A: After completing 2 tests, the average test score in math class is 81 Part B: After completing 2 tests, the average test score in science class is 83 Part C: Science has the highest test score after 4 tests. Step by step explanation: Part A: The given function for the average test score in math class is $f(x) = 0.5x + 80$ After completing 2 tests, we have the average test score in math class is $f(2) = 0.5 \times 2 + 80 = 81$ Part B: For the science class From the given table, the average test score, after completing 2 tests is $x = 2$ $g(x) = 83$ The average test score, after completing 2 tests is 83 Part C: After completing 4 tests, we have; The average test score for math $f(4) = 0.5 \times 4 + 80 = 82$ For science, we have that equation for the average test score, $g(x)$ is found as follows; The exchange rate of $g(x)$ with x for points 1 and 2 = $(83 - 81)/(2 - 1) = 2$ For point 3 and 2 = $(85 - 83)/(3 - 2) = 2$ Therefore we have; $(y - 81)/(x - 1) = 2$ $y - 81 = 2(x - 1)$ $y = 2x - 2 + 81 = 2x + 79$ After completing 4 tests, we have; $g(4) = 2 \times 4 + 79 = 87$ Since 87 > 82, Science class has the highest test score after 4 tests. Answer from: thickness3704 Science class had a higher average after completing the test 4 Step by step explanation: We are given that linear function represents the average test score in your math class: Function: We are also given that the linear function $g(x)$ represents the average test score in your science class, where x is the number of the test taken. $x, g(x)$ 1, 81, 2, 83, 3, 85 To find the equation we will use two point slope shape: Part A: Determine the average test for your math class after completing test 2. Replacement $x = 2$ depending on that represents the average test score in your so, $f(2) = 0.5(2) + 80 = 81$ Part B math class: Determine the average test of your science class after full test 2. (2 points) From the table given the average test for your science class after the completion test 2 is 83. Part C: Which class had a higher average after completing Test 4? The average test score in your math class after completing test 4 is: $f(x) = 0.5x + 80$ $f(x) = 0.5(4) + 80$ $f(x) = 82$ The average score of the test in your science class after completing test 4 is: $f(x) = 2x + 79$ $f(x) = 2(4) + 79$ $f(x) = 87$ So, Science class had a higher average after completing test 4 If you are watching this this means that we have trouble uploading external resources to our website. If you are behind a web filter, make sure the *.kastatic.org and *.kasandbox.org domains are unlocked. Unlocked. Unlocked.