# Assessment 1

TERM 1

1. Calculate:

a) $18\ 000 - 4\ 785 =$ ............

b) $697 \times 823 =$ ..............

c) $75\ 075 \div 325 =$ ............

2. Complete:   a) $22 \times 1$          b) $0 \div 5$          c) $25 \div 25$          d) $576 \div 0$

= ............          = ............          = ............          = ............

3. Circle the letter of the correct answer.

3.1  $7 \times 10^4 \ + \ 9 \times 10 \ + \ 8 \times 10^2 \ + \ 3 \times 10^6 =$ ...............................

A    7 000 908 300    B    370 890    C    3 070 890    D    30 070 890

3.2  $50 - (8 - 3) \times 4 \div 2 =$ .............................................

A    40          B    90          C    78          D    15

3.3  Determine the highest common factor of 18, 30 and 42.

A    3          B    6          C    9          D    18

3.4  Determine the lowest common multiple of 9, 30 and 45.

A    45          B    90          C    180          D    270

4. To make lilac paint, you have to mix red, blue and white paint in the ratio, 3 : 4 : 1.
   If you want 32 litres of lilac paint, how much blue paint do you need?

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5. Use the ladder method to factorise 180.

   180 = ………………………………

6. Dad travels at an average speed of 80 km/h. At what time will he arrive at his office, which is 20km away, if he leaves home at 07:30?

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7. Share 30 apples between A, B and C in the ratio 2 : 1 : 3.

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8. Mia spends 20 minutes washing, ½ hour ironing and the rest of the time folding the laundry.
   The ratio of time spent washing to folding the laundry is 2 : 1.
   How much time did she spend in total on all 3 activities?

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