RATIO AND PROPORTIONS

1. If 14 apples are shared between Andrew and Peter in 3:4.

   Andrew will get _____ apples.

   Peter will g _____ apples.

2. Harry and Mohammed shared some mangoes in 2:5. If Harry got 6 mangoes, then,

   Mohammed will get _____ mangoes

   The total numbers of mangoes will be _____

3. If a cake costs $6 and a cup of coffee cost $2.30 , What is the total cost of 2 cakes and three cups of coffee? $

4. There are 40 pieces of chocolates in a pack. Each piece cost $ 1.50. What is the total cost of the chocolates in a pack? $

5. A shop sell a biscuit for $1.45. If a dozen of biscuit is sold for $14.40, how much cheaper is it to buy per dozen? $

SPEED, DISTANCE AND TIME

6. What is the average speed of a motorist that covers a distance of 360km in 2h? _____ km/h

7. What is the distance covers by a car that travels at 120km/h in 3hrs? _____ km

8. What is the time it takes a cyclist to cover a distance of 180km at 60km/h? _____ h

MEAN, MEDIAN AND MODE

9. What is the mean of the data below

   4,6,9,5,8,2 and 8 _____

10. What is the median of 12, 11, 13, 16, 15, 11 and 10

    _____

11. What is the mode in 7, 2, 1, 5, 4, 2, 8, 0 and 2 ? _____

ALEBRA

12. If $2y - 3 = 7$ then, y = _____

13. If $3t + 1 = 13$ then, t = _____

SHAPES

14.   9cm   What is the area?

       _____

15.   11cm   the   _____   perimeter?