REVISION CHECK
GRADE 7 MATHS 2

MATHEMATICS PAPER 2

20 AUGUST 2020   **TIME: 2HRS**

INSTRUCTIONS TO CANDIDATES

   a) **Answer all questions on a separate sheet.**
   b) **Show all your working.**

SECTION A   : [25 MARKS]

Answer all questions.

1. Write 389,46 in words [1]

2. Express $^2/_5$ of a 2 decades in years. [2]

3. In four tests Chipo got 69%, 54%, 77% and 68%. What was his average mark [2]

4. What is $\frac{2}{3}$ of 8 hours 3 minutes?   [2]

5. $5\frac{1}{2} + 1\frac{1}{5}$ [2]

6. What is the value of the first 6 in 666 666?   [2]

7. If the perimeter of a square field is 640m, find its area.   [2]

8. Calculate $38,07 \div 0,9$ [2]

9. How many times greater is the first 2 than the second 2 in 624 523? [2]

10. A tube has a length of 8m and a circumference of 6m. Find its area. [2]

11. The cost of a new bicycle is $50. If the buyer sells the bicycle for $60. What is the percentage profit? [2]

12. $\frac{3}{4}$ of a number is 36. What is the number? [2]

13. A choir of 50 singers has 18 male voices. The rest of the singers were females. Express the number of males and females as a ratio in its lowest term . [2]
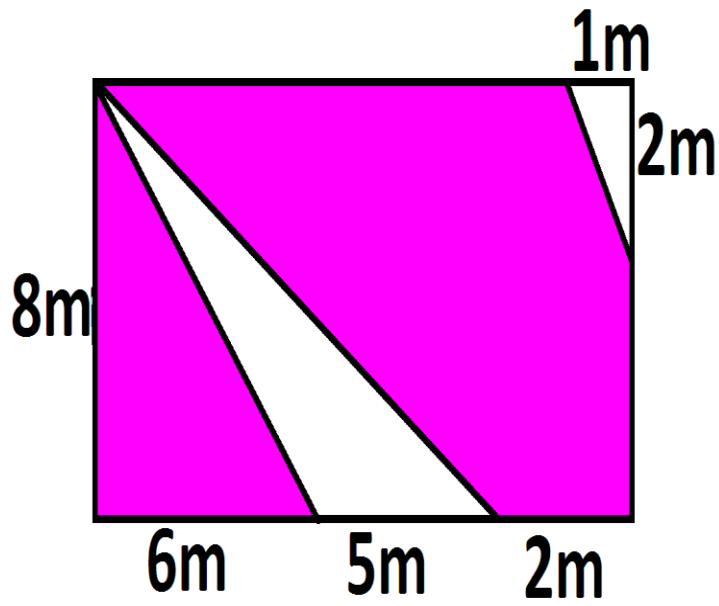
SECTION A   : [15 MARKS]

There are **five questions** in this section. Answer any **three questions**.

14. The marked price of wardrobe is $960. It can be bought by paying 30% deposit and the balance in 12 equal monthly installments.

    (a) What is the deposit paid?   [2]

    (b) Calculate the monthly installments.   [3]

q

15. The total mass of a car with four people in it is 1 645kg. The lightest person is 6kg lighter than the other three. The three are 55kg each.
    a) What is the mass of the car   [3]
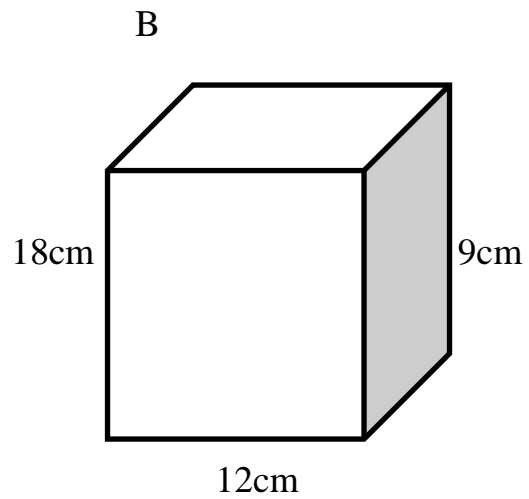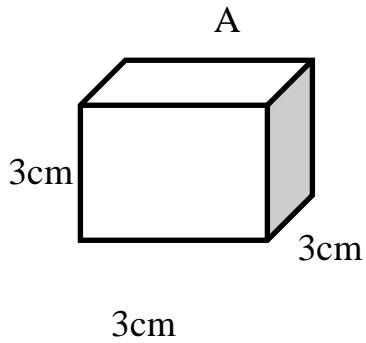   b) What is the mass of the lighter person?   [2]
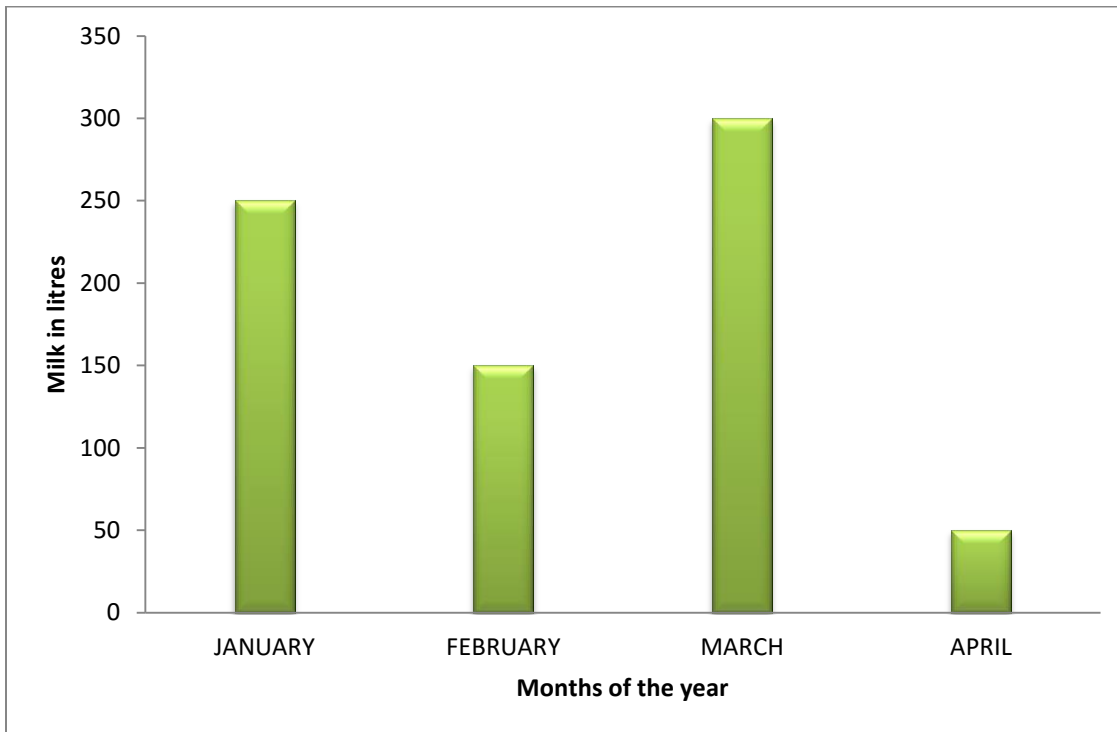
16.

1m

2m

8m

6m   **5m**   **2m**

(a)Find the area of the unshaded part.   [2]
(b) Find the area of the shaded part   [3]

17.   B

A

18cm   9cm

3cm

3cm

3cm   12cm

a) What is the volume of shape A? [1]
b) What is the difference between the volume of A and volume of B? [2]
c) How many boxes of size A will get into box B? [2]

18. The graph shows milk produced by dairy cows at a farm in a period of four months.

(a) In which month did the dairy cows produce the highest amount of milk? [2]

(b) Calculate the average amount of milk produced in the four months. [3]