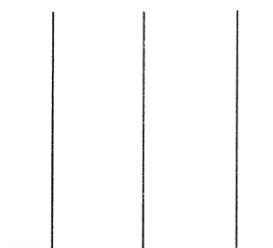


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Mathematics 2019

1. (i) Represent the number **305** on the abacus below.



[1]

- (ii) Circle the number **two hundred and seventeen** :

217 , 270

[1]

- (iii) Write **4 532** in words.

Answer : _____

[1]

- (iv) Write in numerals:

nine **units** + eight **thousands** + four **tens** + six **hundreds**

Answer : _____

[2]

2. Work out :

(a)
$$\begin{array}{r} 2345 \\ + 623 \\ \hline \\ \hline \end{array}$$

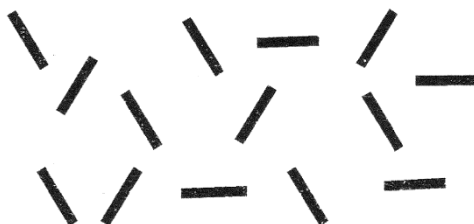
(b)
$$\begin{array}{r} 7895 \\ - 2143 \\ \hline \\ \hline \end{array}$$

(c)
$$\begin{array}{r} 1203 \\ \times 3 \\ \hline \\ \hline \end{array}$$

(d)
$$4 \overline{)804}$$

[4]

3. (a)



Circle the sticks above in **groups of 4** to work out the following

$14 \div 4 =$ _____ remainder _____

[2]

- (b) (i) Arrange the following numbers in order starting with the **smallest**:

2351 , 3215 , 2315

Answer : _____ , _____ , _____

[1]

(ii) What is the value of **3** in 6 309?

Answer : _____ [1]

(c) 52 67 73 275 536 428

From the above list of numbers,

(i) the **smallest odd** number is

Answer : _____ [1]

(ii) the **greatest even** number is

Answer : _____ [1]

4. Write down the missing terms in each of the following number patterns.

(a) 680 , 720 , 760 , _____ , _____

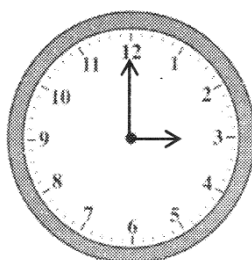
(b) 130 , 120 , 110 , _____ , _____

(c) 3 , 6 , 12 , _____ , _____

(d) 243 , 81 , 27 , _____ , _____

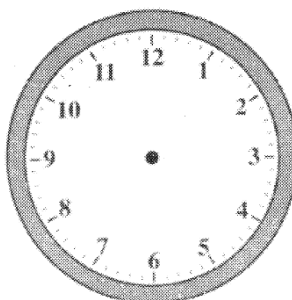
(e) 1 , $\frac{7}{8}$, $\frac{6}{8}$, $\frac{\square}{\square}$ [10]

5. (a) What is the time shown on the clockface ?



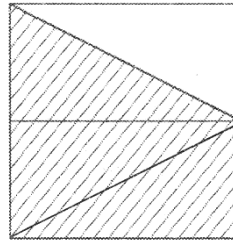
Answer : _____ [1]

(b) Draw the hour and minute hands on the clockface below to show quarter to one.



[2]

6. (a) What fraction of the diagram shown is **shaded**?



Answer : _____

[1]

(b) Write **two thirds** in figures.

Answer : _____

[1]

(c) Work out :

(i) $\frac{2}{7} + \frac{3}{7} =$

(ii) $\frac{7}{9} - \frac{5}{9} =$

(iii) $\frac{1}{10} + \frac{3}{5} =$

Answer : _____

Answer : _____

Answer : _____

[4]

(d) Arrange the following fractions in **descending** order:

$\frac{1}{2}$, $\frac{1}{3}$, $\frac{5}{6}$

Answer : _____ , _____ , _____

7 (a) Consider shape **ABCDE**.

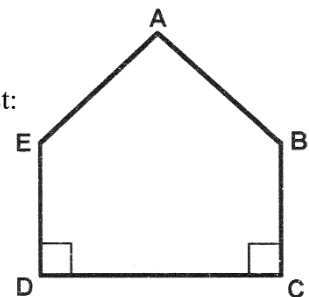
(i) Fill in each blank below using the correct word from the following list:

upward , **vertical** , **horizontal** , **downward** , **inclined**

1. **DE** is a _____ line.

2. **AB** is inclined _____ from left to right.

3. **CD** is a _____ line.



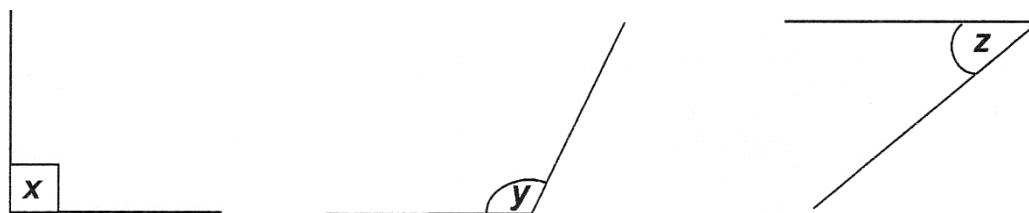
[3]

(ii) Which two sides of the shape **ABCDE** are **parallel**?

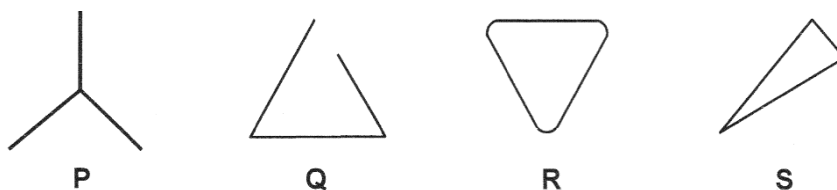
Answer : _____ and _____

[1]

- (b) Three angles, x , y and z , are shown below.
Observe them carefully and answer the questions which follow.



- (i) Which angle is the **largest** angle? Angle _____
- (ii) Which angle is the **smallest** angle? Angle _____ [2]
- (c) Which one of the following is a **triangle**?

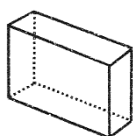
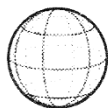


Answer : _____ [1]

- (d) Fill in the blanks below with the correct numbers.
- (i) A rectangle has _____ sides , _____ right angles , and _____ vertices. [3]
- (ii) A circle has _____ vertices. [1]

8. Match each of the 3-D shapes in **Column A** to its name in **Column B**.

Column A



Column B

Cuboid

Sphere

Cone

Cylinder

Cube

[4]

9. Work out the following conversions.

(i) $\frac{3}{4}$ kg = _____ g

(ii) 450 cL = _____ L _____ cL

(iii) 5 m = _____ cm

(iv) $2\frac{1}{2}$ = _____ halves [8]

10. (a) Amit has Rs 2 345 and Laxmi has Rs 174.
How much money do they have **altogether**?

Answer : Rs _____ [2]

(b) John keeps **dogs, cats, fish** and **birds** as pets.
The pictogram below shows the number of dogs, cats and fish John has.

PET	NUMBER OF PETS
dog	○
cat	○ ○
fish	○ ○ ○ ○
bird	

KEY: ○ represents one pet

(i) How many **fish** does John have?

Answer : _____ [1]

(ii) John has **three** birds. Represent the number of birds on the pictogram above. [1]

(iii) What is the **total** number of pets that John has?

Answer : _____ **pets** [2]

11. (a) The **sum** of two numbers is 246.
If one of the numbers is 107, what is the other number?

Answer : _____ [3]

- (b) John buys 13 packets of sweets. **Each** packet contains 26 sweets
How many sweets does he buy in **all**?

Answer : _____ **sweets** [2]

- (c) Kevin has 54 eggs. He places all of the eggs in small trays.
Each tray contains 6 eggs. How many trays does he need?

Answer : _____ **trays** [2]

- 12 (a) A jug contains 3 L 15 cL of water. Sheila drinks 1 L 55 cL of water from it.
Find the amount of water **left** in the jug.

Answer : _____ L _____ cL [3]

- (b) The total mass of 5 identical chocolates is 1 kg 25 g.
Find the mass of **one** such chocolate.

Answer : _____ g [3]

- (c) Khem has 34 stickers. Sophie has 50 stickers.
(i) How many stickers do they have altogether?

Answer : _____ **stickers** [2]

- (ii) How many stickers should Sophie give to Khem so that they have the **same** number of stickers?

Answer : _____ **stickers** [3]

13. A shopkeeper has 9 kg of dried grapes. He sells 4 kg 800 g of it.

(i) What is the mass of dried grapes that remains?

Answer : _____

[2]

He then packs the remaining dried grapes in packets of 500 g.

(ii) How many **packets** of 500 g will he have?

Answer : _____ packets

[3]

(iii) What is the mass of dried grapes **left** after packing?

Answer : _____ g

[1]

14. The heights jumped by five athletes from **Mauritius, Reunion, Madagascar, Maldives, and Seychelles** are as follows:

Mauritius	Reunion	Madagascar	Maldives	Seychelles
1 m 96 cm	1 m 90 cm	1 m 85 cm	1 m 82 cm	1 m 98 cm

The athlete who jumps the highest wins.

(i) Which country's athlete came out **second**?

Answer : _____

[1]

(ii) What is the height jumped by the athlete who came fourth?

Answer : _____

[1]

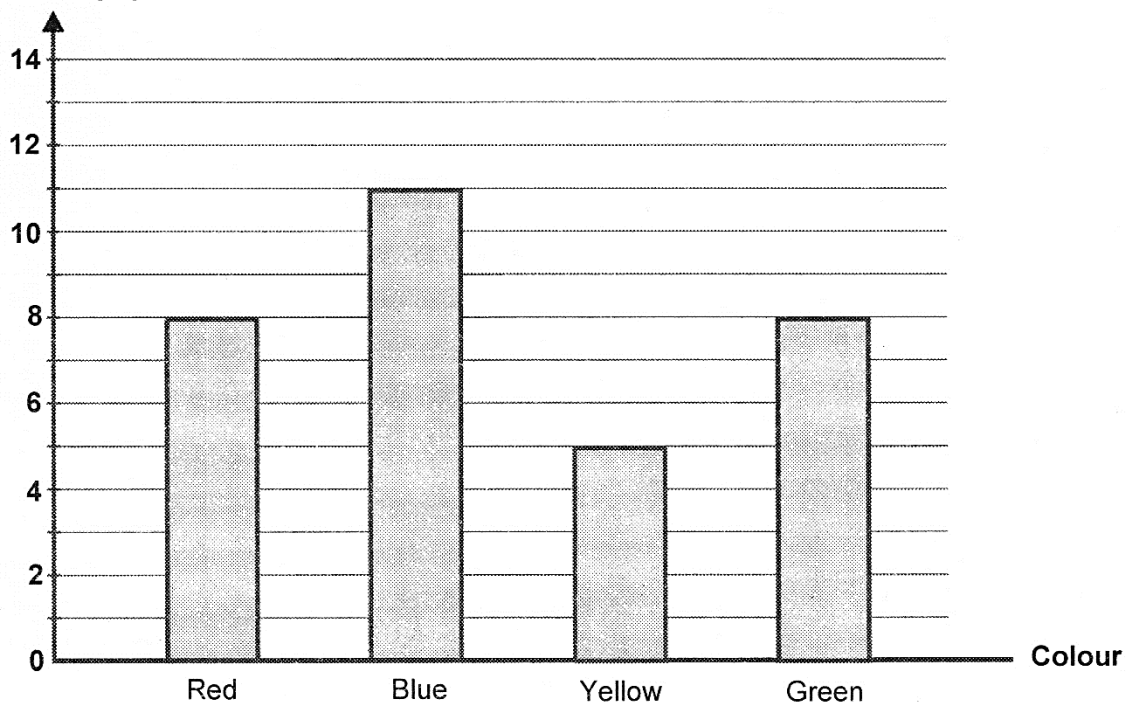
(iii) Find the **difference** in height between the **winner** and the athlete who came in **fourth** position.

Answer : _____ cm

[2]

15. A teacher asked each of the pupils in his class which of the colours **Red, Blue, Yellow** or **Green** they preferred.
The bar chart below shows the results. Study the chart carefully and answer the questions which follow.

Number of pupils



(i) How many pupils prefer **Yellow**? _____

(ii) The **same** number of pupils prefer _____ and _____ .

(iii) How many **more** pupils prefer **Blue** to **Yellow**?

Answer : _____ more pupils

(iv) What is the **total** number of pupils in that class?

Answer : _____ pupils