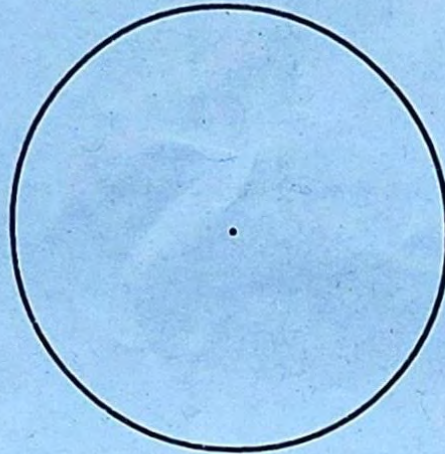
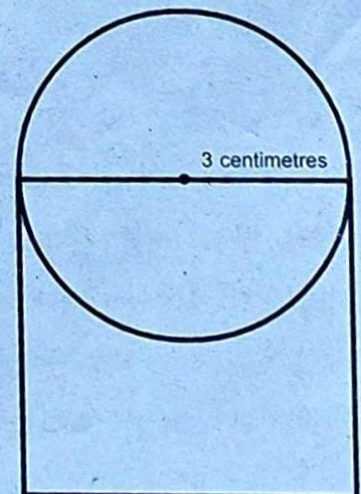


**Standard: V****MATHEMATICS****Time: 2 Hrs**

- 15 minutes is given as cool-off time.
- Read the questions carefully during this time.
- Answer **any FIVE** from the given **SEVEN** activities.

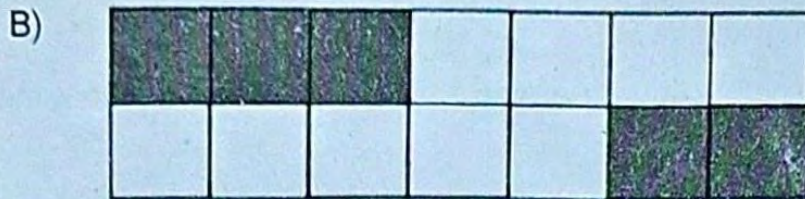
**Activity 1**

- A) Measure and write the radius of the circle.
- B) Draw a circle of radius 4 centimetres and find its diameter.
- C) Pick out the true statement about the circle you have drawn.
- a) A point 3 centimetres away from the centre will be outside the circle.
  - b) A point 5 centimetres away from the centre will be inside the circle.
  - c) A point 3 centimetres away from the centre will be inside the circle.
  - d) A point 4 centimetres away from the centre will be outside the circle.
- D) A circle of radius 3 centimetres and a square are given in the figure. Find the perimeter of the square.



## Activity 2

Each rectangle is divided into squares of equal size. Write the fractional form of the shaded portion.



- C) In which of the above pictures is the half part of the rectangle shaded.
- D) Draw a rectangle and shade its  $\frac{3}{7}$  parts.
- E) Which of the following fraction is equal to  $4\frac{1}{3}$ ?
- 1)  $\frac{3}{13}$    2)  $\frac{13}{3}$    3)  $\frac{12}{3}$    4)  $\frac{13}{4}$

## Activity 3

- A) The length and breadth of a hall are 8 metres and 6 metres respectively. Find the area of the hall.
- B) A rectangular cabin of 3 metres wide was made in one part of the hall. The area of the cabin is 12 square metres. What is the length of the cabin?
- C) How many times the area of the cabin will be the area of the hall?
- D) How many times the perimeter of the cabin will be the perimeter of the hall?

## Activity 4

Sunil bought 12 books of Rs. 125 each and 125 pens of Rs. 12 each.

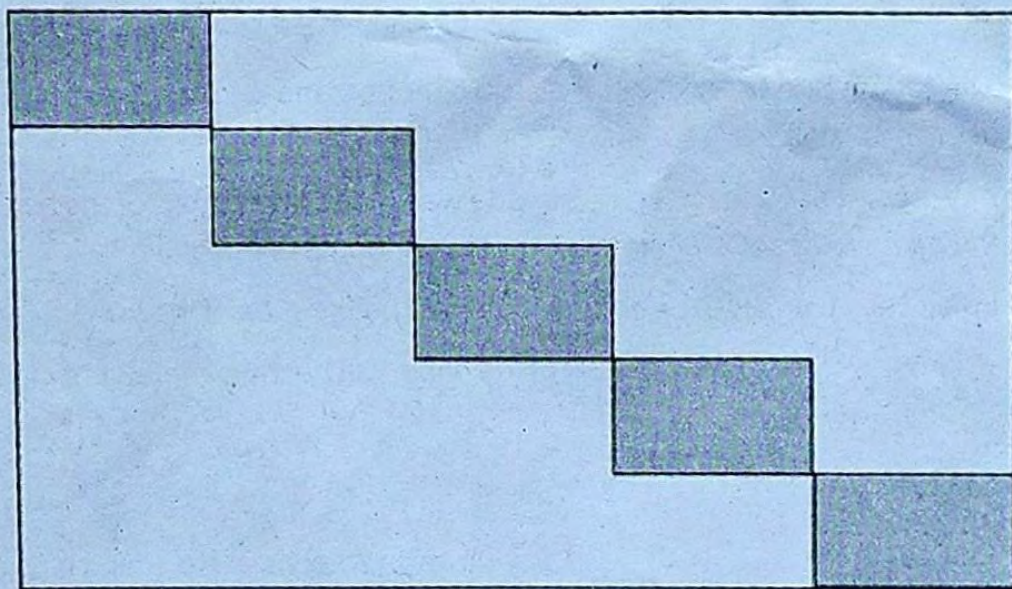
- A) How much should he pay in total?
- B) How many books can be bought with this total amount?
- C) If 4 times of 285 is added to 6 times of 285, how many times of 285 do we get?
- D) Which of the following is not equal to  $60 \times 16$ ?
- 1)  $30 \times 32$    2)  $15 \times 64$    3)  $120 \times 16$    4)  $16 \times 60$

### Activity 5

- A) Some dosas of the same size are cut into 4 equal parts.
- Anu took 3 pieces from them. What part of a dosa did Anu take?
  - When some pieces took by Mini were joined together, it became a whole dosa. How many pieces did Mini take?
  - When the pieces took by Binu were joined together, it became  $2\frac{1}{4}$  dosas. How many pieces did Binu take?
- B) A ribbon of 7 metres length is equally divided among 5 children. How many metres of ribbon will each one get?
- C) Pick out the fractional form not equal to  $\frac{5}{8}$ .
- 1)  $\frac{10}{16}$       2)  $\frac{15}{24}$       3)  $\frac{20}{30}$       4)  $\frac{25}{40}$

### Activity 6

The floor of a room is laid with tiles of the same size.



- How many such tiles can be laid in this room?
- Each tile has length 60 centimetres and breadth 30 centimetres. What is the area of one tile?
- Find the total area of the room.

### Activity 7

- A) How many bundles will be there if 1245 books are made into bundles of 12 each?
- B) How many more books are needed to make a new bundle?
- C) Which among the following is equal to  $1245 \div 12$ ?
- 1)  $(12 \div 12) + (45 \div 12)$
  - 2)  $(120 \div 12) + (45 \div 12)$
  - 3)  $(1200 \div 12) + (45 \div 12)$
  - 4)  $(1000 \div 12) + (45 \div 12)$