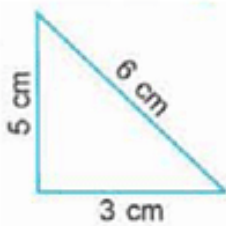


Worksheet

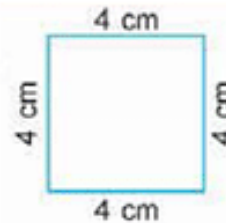
Perimeter and Area

Question 1: Find the perimeter of each of the following figures:

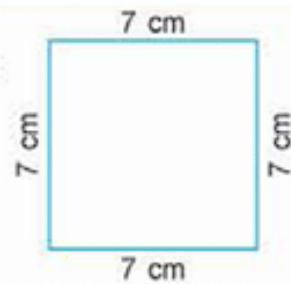
- Perimeter of the triangle is 14 cm.



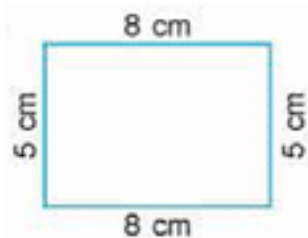
- Perimeter of the square is 16 cm.



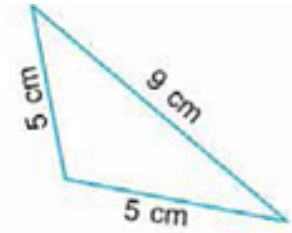
- Perimeter of the square is 28 cm.



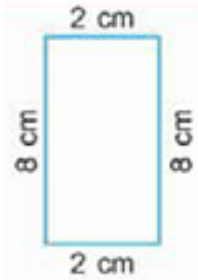
- Perimeter of the rectangle is 26 cm.



- Perimeter of the triangle is 19 cm.

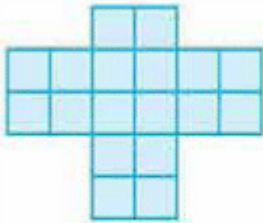


- Perimeter of the rectangle is 20 cm.



Question 2: In the following figures, assume that each small square is 1 sq cm. Count the squares and find the area:

- Area = 18 sq cm.



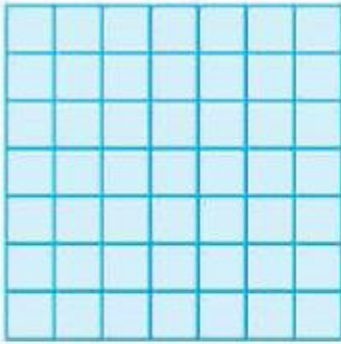
- Area = 8 sq cm.



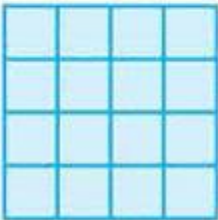
- Area = 8 sq cm.



- Area = 49 sq cm.



- Area = 16 sq cm.



- Area = 4 sq cm.



Question 3: Find the area of the rectangle, whose:

- length = 5 m 8 cm, breadth = 3 m 75 cm
 $5.8 \times 3.75 = 21 \text{ m } 75 \text{ cm}$
- length = 4 m 50 cm, breadth = 2 m 7 cm
 $4.50 \times 2.7 = 12 \text{ m } 15 \text{ cm}$
- length = 1 m 5 cm, breadth = 90 cm
 $1.5 \times 90 = 1 \text{ m } 35 \text{ cm}$
- length = 125 m, breadth = 84 m
 $125 \times 84 = 10500 \text{ m}$
- length = 80 cm, breadth = 24 cm
 $80 \times 24 = 1920 \text{ cm}$

Question 4: Find the perimeter of:

- the triangle whose sides are 8 cm, 9 cm, and 12 cm.

$$\text{Perimeter} = 8 + 9 + 12 = \mathbf{29 \text{ cm}}$$

- the square whose side is 14 cm.

$$\text{Perimeter} = 4(14) = \mathbf{56 \text{ cm}}$$

Question 5: Find the area of the following rectangles:

- Area of rectangle = $l \times b$

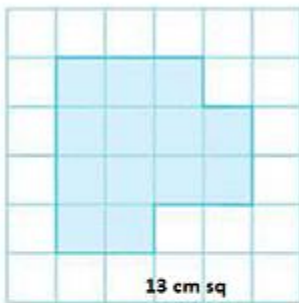
$$= 10 \times 15 = \mathbf{150 \text{ cm}}$$

- Area of rectangle = $l \times b$

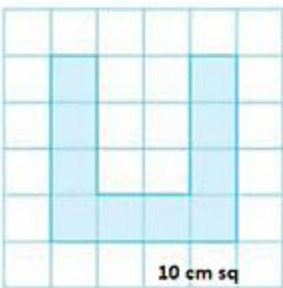
$$= 2 \times 5 = \mathbf{10 \text{ cm}}$$

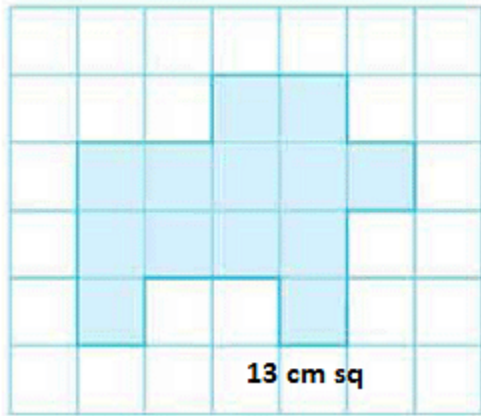
Question 6: Each of the following figures is drawn on 1 cm square graphs. Find the perimeter of each shaded figure:

•



•

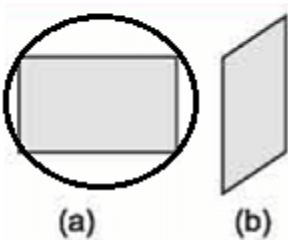
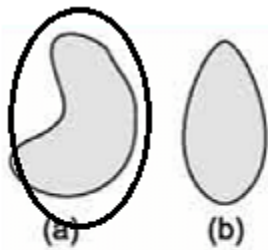
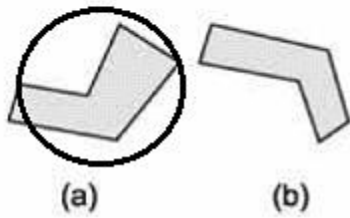
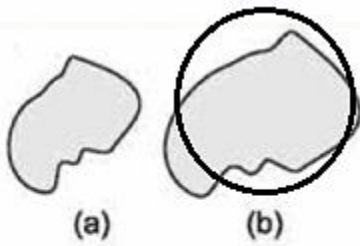
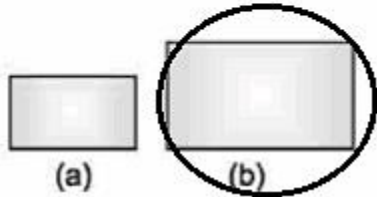
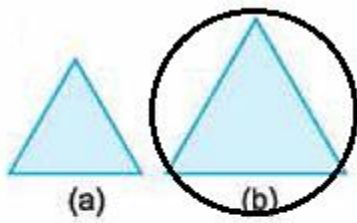




Question 7: Find the area of the square, whose:

- side = 256 dm
 $256 \times 256 = 65536 \text{ dm}$
- side = 92 dm
 $92 \times 92 = 8464 \text{ dm}$
- side = 18m
 $18 \times 18 = 324 \text{ m}$
- side = 7 cm
 $7 \times 7 = 49 \text{ cm}$
- side = 20 cm
 $20 \times 20 = 400 \text{ cm}$

Question 8: By mere observation, state which has greater area?



Question 9: Find the area of the following squares:
 Area of square = side x side

• $20 \times 20 = 400 \text{ cm}$

• $6 \times 6 = 36 \text{ cm}$

Question 10: Find the area of a square whose perimeter is 4 cm.

Answer : Perimeter = $4 \times 4 = 16 \text{ cm sq}$

Question 11: Area of a rectangle = Length x breadth

Question 12: Area of a square of side 1 cm = $1 \times 1 = 1\text{cm}$

Question 13: Area of a rectangle of dimensions 1 m and 2 m is 2 sq m.

Question 14: Area of a square = side x side.

Question 15: Area of a square of side 1 cm 2 mm = 2 sq mm.