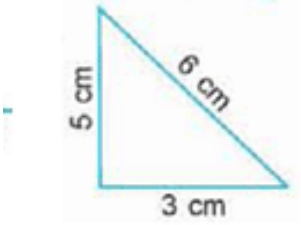
Worksheet

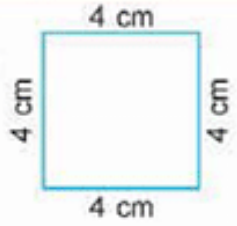
Perimeter and Area

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

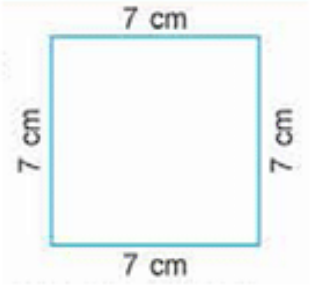
- Perimeter of the triangle is __14__ cm.



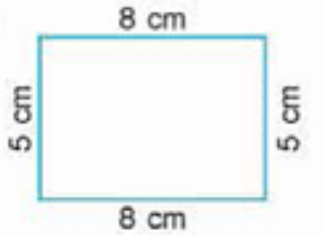
- Perimeter of the square is __16__ cm.



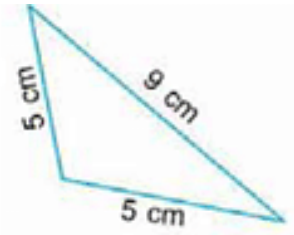
- Perimeter of the square is __28__ cm.



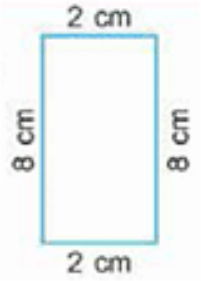
- Perimeter of the rectangle is __26__ cm.



- Perimeter of the triangle is __19__ cm.

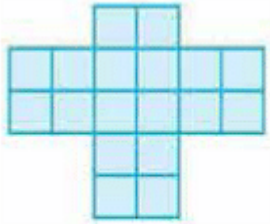


- Perimeter of the rectangle is 20 cm.

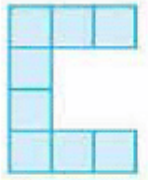


Question 2: In the following figures, assume that each small square is 1 sq cm. Count the squares and find the area:

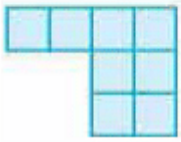
- Area = 18 sq cm.



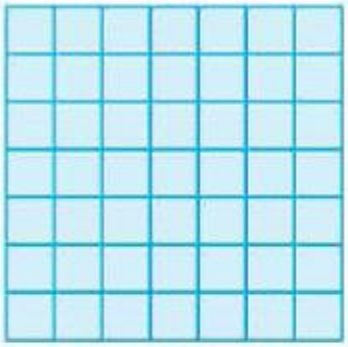
- Area = 8 sq cm.



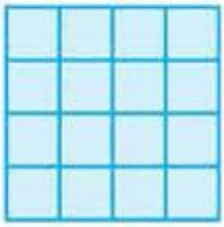
- Area = 8 sq cm.



- 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 x 3.75 = **21 m 75 cm**

- length = 4 m 50 cm, breadth = 2 m 7 cm
  4.50 x 2.7 = **12 m 15 cm**

- length = 1 m 5 cm, breadth = 90 cm
  1.5 x 90 = **1 m 35 cm**

- length = 125 m, breadth = 84 m
  125 x 84 = **10500 m**

- length = 80 cm, breadth = 24 cm
  80 x 24 = **1920 cm**

Question 4: Find the perimeter of:

- the triangle whose sides are 8 em, 9 cm, and 12 cm.
  Perimeter $= 8 + 9 + 12 =$ **29 cm**

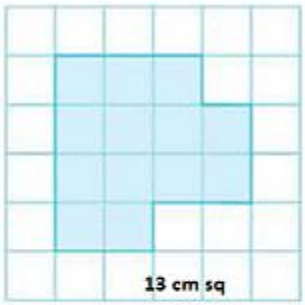
- the square whose side is 14 cm.
  Perimeter $= 4(14) =$ **56 cm**

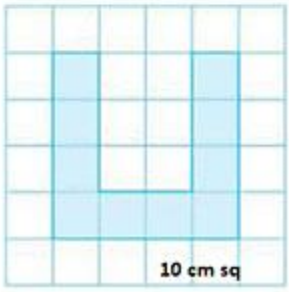
Question 5: Find the area of the following rectangles:

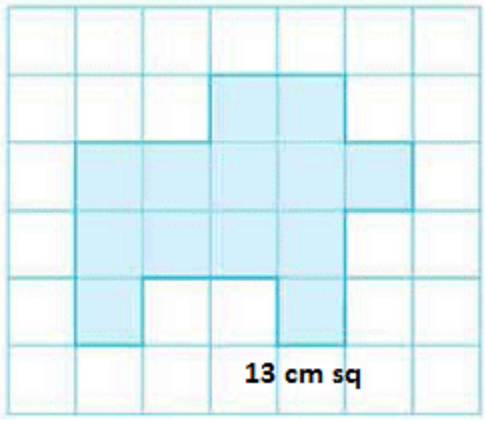
- Area of rectangle = l x b
  $= 10 \times 15 =$ **150 cm**

- Area of rectangle = l x b
  $= 2 \times 5 =$ **10 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 x 256 = **65536 dm**

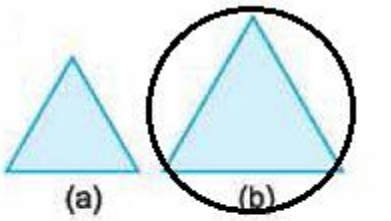
- side = 92 dm
  92 x 92 = **8464 dm**

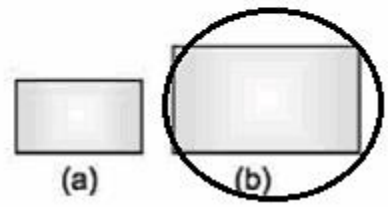
- side = 18m
  18 x 18 = **324 m**

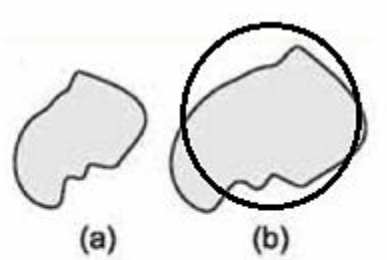
- side = 7 cm
  7 x 7 = **49 cm**

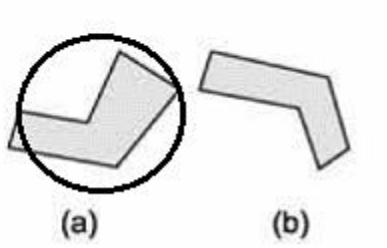
- side = 20 cm
  20 x 20 = **400 cm**

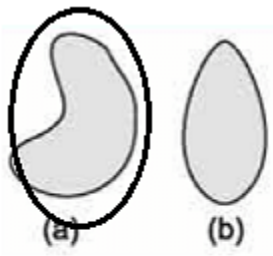
Question 8: By mere observation, state which has greater area?

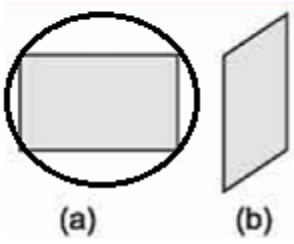
- 

- 

- 

- 

- 

- 

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

- 20 x 20 = **400 cm**
- 6 x 6 = **36 cm**

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

Answer : Perimeter = 4 x 4 = 16 cm sq

Question 11: Area of a rectangle = **Length** x **breadth**

Question 12: Area of a square of side 1 cm = **1 x 1 = 1cm**

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.