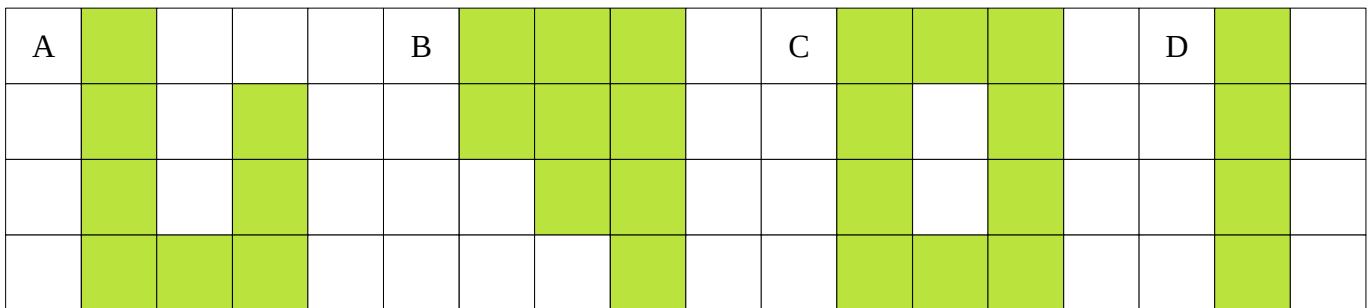


Class 4 Math

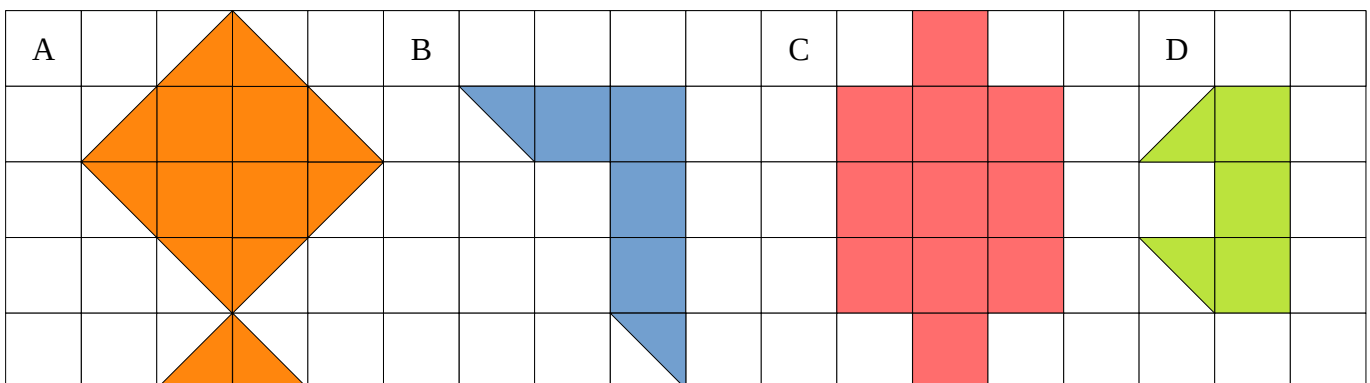
Measurement - Area

- Area is the amount of surface a figure covers
- geometric figures have formulae to calculate area
- unit of area is square units or sq. cm or sq. Meter

A. Find the area of each figure having sides as 1 cm.



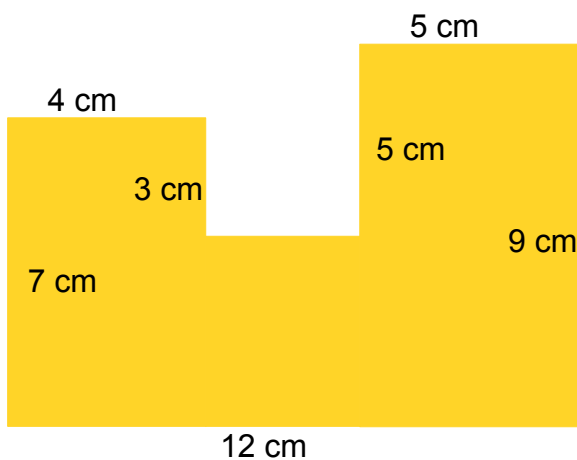
B. Find the area of each shapes taking sides as 1 cm.



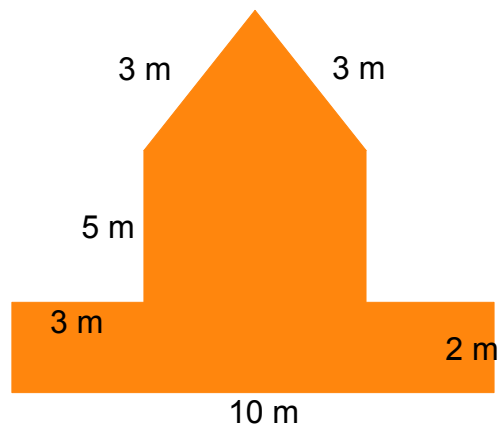
C. Find the area of each shapes.

1. The square with are 1 cm^2 is called _____.
2. Area of rectangle with sides 2 km and 7 km is _____.
3. Area of _____ shapes can be measured by breaking them into smaller squares and rectangles.
4. Find the area of the given shape.

a)



b)



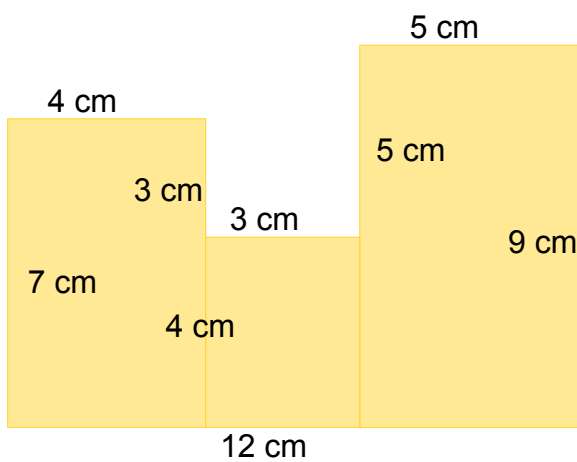
5. Flooring is to be done in a rectangular classroom of sides 10 feet and 40 feet. Find out the number of tiles required if each square tile have sides 2 feet.

Answers

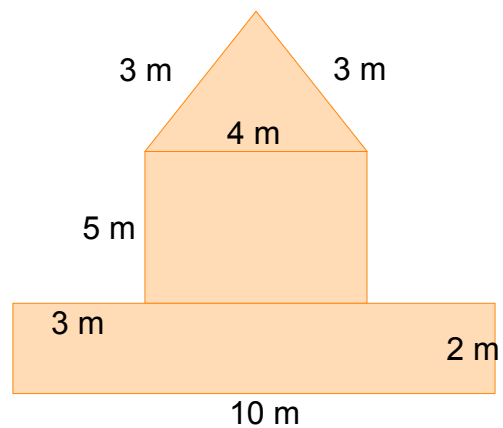
- A. a. 8 Sq Unit
b. 9 Sq Unit
c. 10 Sq Unit
d. 4 Sq Unit

- B. a. 9 Sq Unit
b. 5 Sq Unit
c. 11 Sq Unit
d. 4 Sq Unit

- C. 1. Sq Unit
2. 14 Sq KM
3. irregular
4.



$$= 28 + 12 + 45 = 85 \text{ Sq cm}$$



$$= 6 + 20 + 20 = 46 \text{ Sq m}$$

(triangle area = half x base x height)

5.

Rectangular class room
= 10 ft x 40 ft
= 400 Sq ft

Square tiles = 2 ft x 2 ft = 4 Sq ft

Number of tiles = Class room area / one tile
= 400/4 = 100 tiles