Pawar Public School, Nanded City, Pune

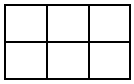
Worksheet No.6

Std.V **Subject: Mathematics** **Date: 08/05/2020**

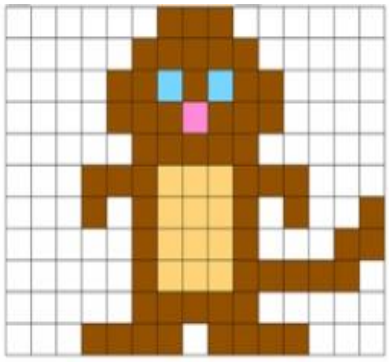
The number of squares in the figure = area of that figure.

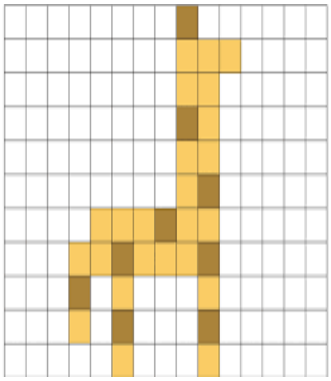
EX. **The number of squares in this rectangle = 6 .**

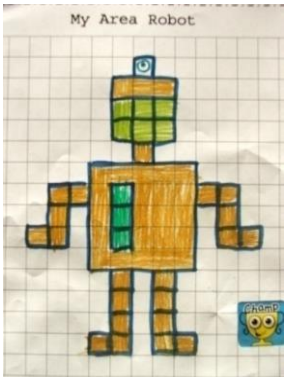
So area of this rectangle = 6 square units



Q.1 **Find the area of following figures.**

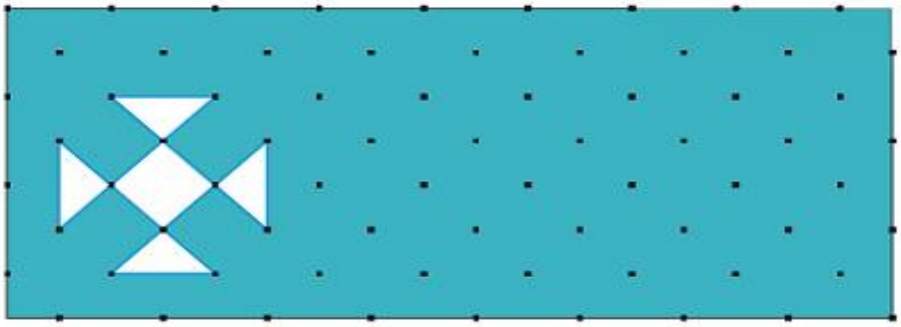






_____square units ___square units ___square units

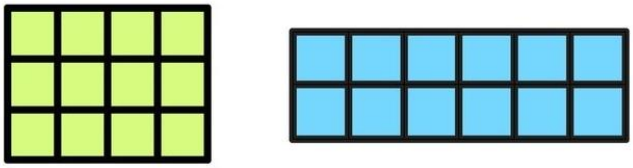
Q.2 **Complete this design and find out area of the design.**



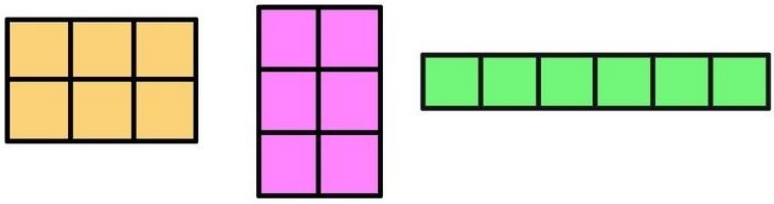
Area of the design = _____square units

Q.3 Write True or False

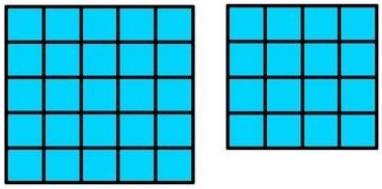
A) **These figures have the same area.**



B) **These figures have the same Area.**



C)



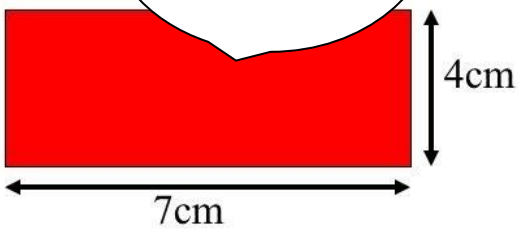
These figures have the same Area.

Ex.

Area of rectangle=

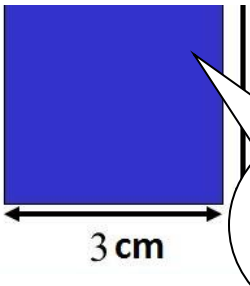
Length x Breadth

(1)



Area = 7 x 4 = 28 square cm

(2)



Area of square=

Side x Side

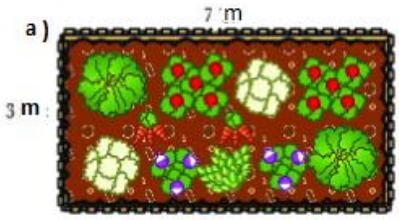
Area = 3 x 3 = 9 square cm

Q.4

Geometry in the Garden

Paloma and her neighbors are planting fruits and vegetables in their community garden. Help Paloma find the area of each garden bed. **Remember: Area =Length x Width**

a)

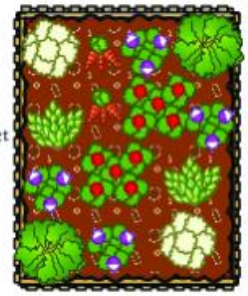


Area = _____

b)

Area = _____

c)

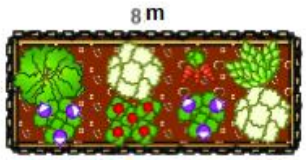


Area = _____

d)

Area = _____

e)



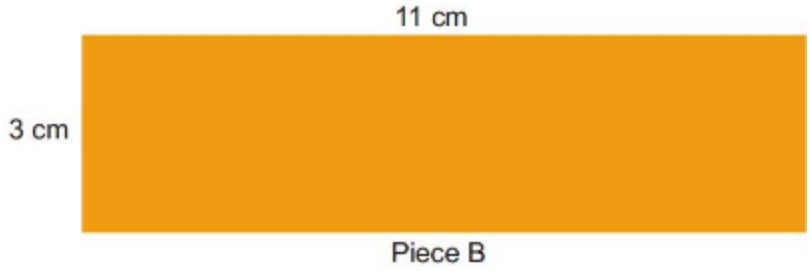
Area = _____

Bonus: What is the total area that can be planted in Paloma's community garden?

Area = _____

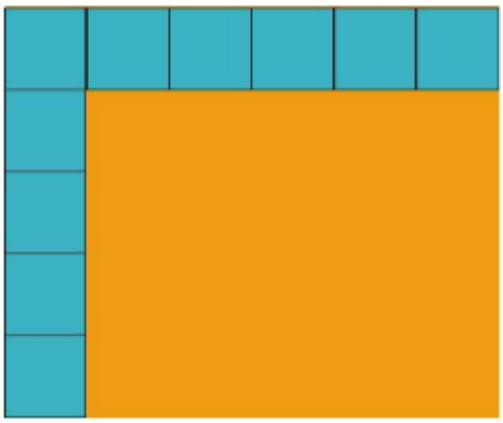
Q.5 Parth and Gini bought *aam paapad* (dried mango slice) from a shop. Their pieces looked like these.

Both could not make out whose piece was bigger. • Suggest some ways to find out whose piece is bigger. A friend of Parth and Gini showed one way, using small squares.



The length of piece A is 6 cm. So 6 squares of side 1 cm can be arranged along its length. The width of piece A is 5 cm. So 5 squares can be arranged along its width.

a) Altogether how many squares can be arranged on it? _____



b) So the area of piece A = _____ square cm

c) In the same way find the area of piece B.

d) Who had the bigger piece?

e) How much bigger?

Q.6 Arbaz plans to tile his kitchen floor with green square tiles. Each side of the tile is 10 cm. His kitchen is 220 cm in length and 180 cm wide. How many tiles will he need?

a) How many tiles like this will fit in the kitchen floor?

b) Area of the kitchen floor = _____ square cm