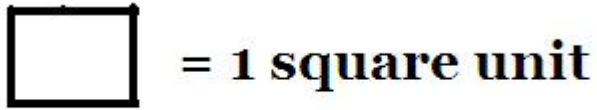


# Topic Synopsis

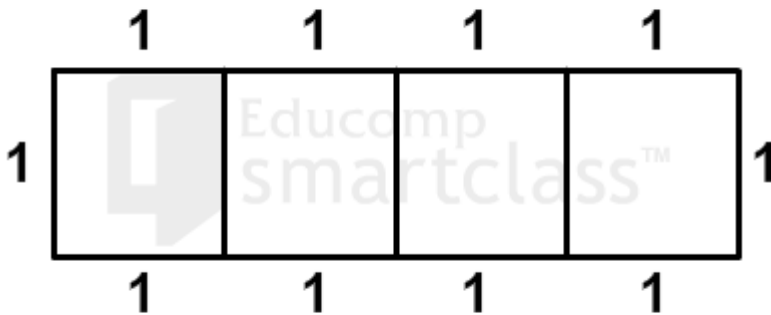
## Area And Perimeter

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- In mathematics, unit square is a square whose sides are of length 1 unit.



Perimeter is the distance around the outside of a shape



To find the perimeter of the above figure, count 1 unit for each side that is around the figure. This gives the length of all the sides.

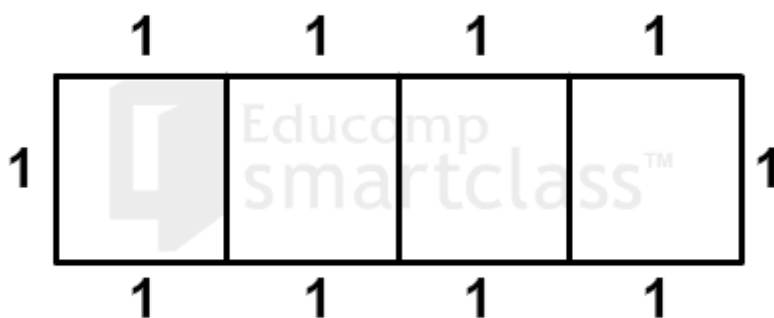
Note: Do not count the lines inside the figure.

Thus, the perimeter is 10 units.

### Measurement Area

- Area is the amount of space inside any shape.
- Area can be found by counting square units.

- For example:



To find the area of the given figure, count the number of square units.

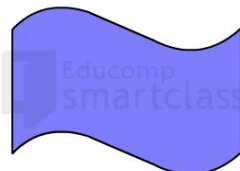
Area of the above figure is 4 square units.

Area and perimeter are two different measurements.

Area = square units

Perimeter = units

- Irregular shapes are those whose sides are not straight. Example: the shapes shown below are irregular shapes.



To find the area of irregular shapes, follow these steps.

- 1 First, count the number of full squares inside the shape.
2. Then, count all other squares which have more than half area covered.

For example: The area of the below figure = 16 square units

