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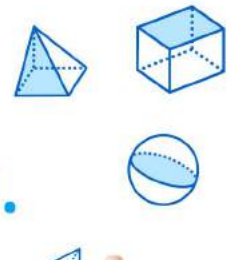

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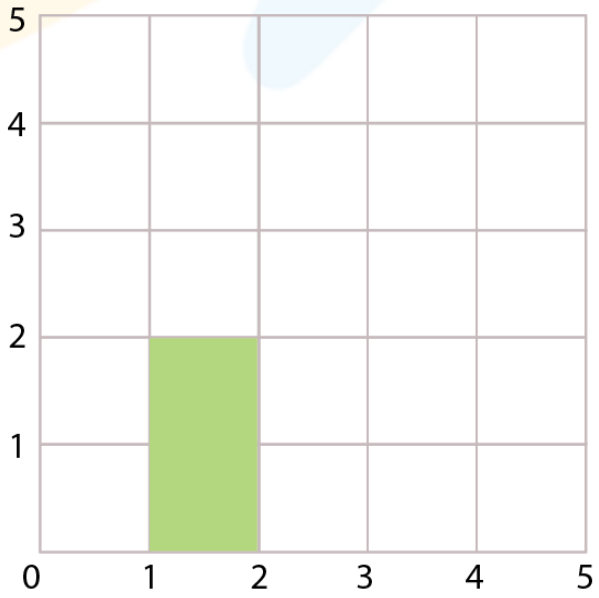
Rectangles Worksheets

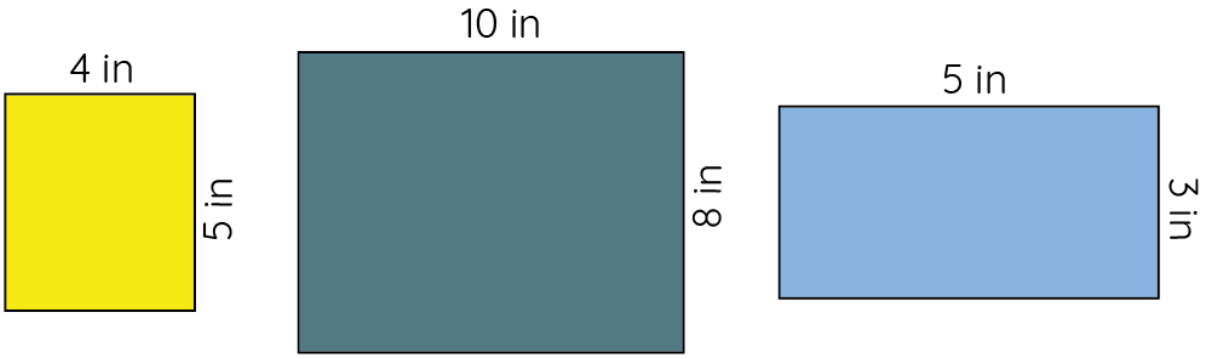
1) Identify the rectangles among the following shapes.

2) Partition the rectangle into 3 equal parts in 2 different ways.

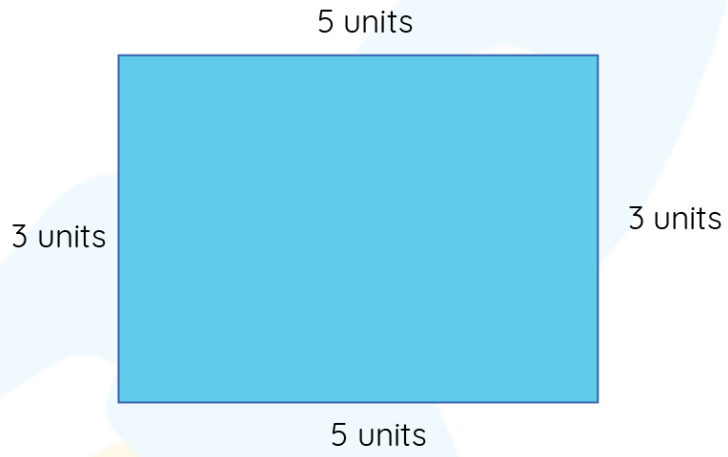
3) Find the perimeter of the shaded portion if each square is one inch long.



4) Find the perimeter of the rectangles.

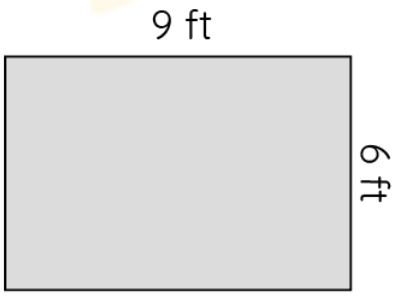


5) Find the area of the given rectangle.



6) Find the area and the perimeter of the following rectangles.

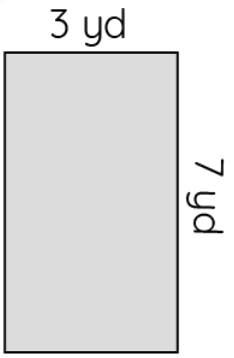
(a)



Area = _____

Perimeter = _____

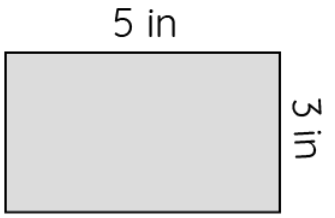
(b)



Area = _____

Perimeter = _____

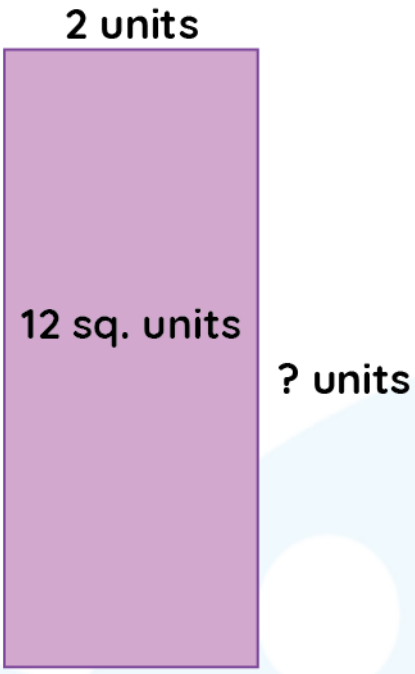
(c)



Area = _____

Perimeter = _____

7) Find the missing side of the rectangle for the given area.

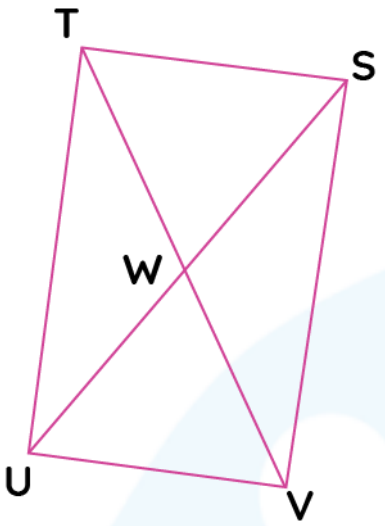


8) What is the area of the rectangle if the perimeter is 18 inches and the width is 3 inches?

9) Match the properties of the rectangles.

a) The sum of the interior angles - are parallel and congruent
b) The perimeter of a rectangle - are equal and bisect each other
c) The opposite sides - the product of the length and the width
d) The measure of each interior angle - twice the length + twice the width
e) Both the diagonals –360˚
f) the area of a rectangle -90˚

10) Answer the questions based on the properties of the rectangle.



a) Name the pair of equal sides of the rectangle.
b) Name the angles of the rectangle.
c) Name the diagonals of the rectangle.

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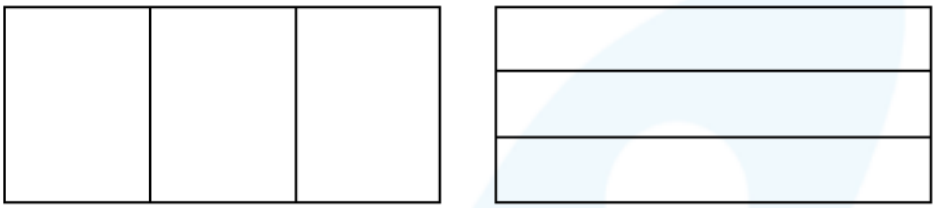
ANSWERS

1)	The first and the last
2)	
3)	6 inches
4)	18 inches 36 inches 16 inches
5)	15 square inches
6)	Area = 54 sq inches , perimeter = 30 inches Area = 21 sq inches , perimeter = 20 inches Area = 15 sq inches , perimeter = 16 inches

7)	6 units
8)	6 inches
9)	1) 360° 2) twice the length + twice the width 3) are parallel and congruent 4) 90° 5) Are equal and bisect each other 6) The product of length and the width
10)	UT, VS and ST , VU ∠UTS, ∠TSV, ∠SVU ∠VUT US , VT

FUN FACT

- All the rectangles are parallelograms, whereas all parallelograms are not rectangles.
- Every square is a rectangle, but every rectangle is not a square.
- Since the angles of a rectangle are equal, it is also known as equiangular quadrilateral.