Name : _____

MATH MONKS

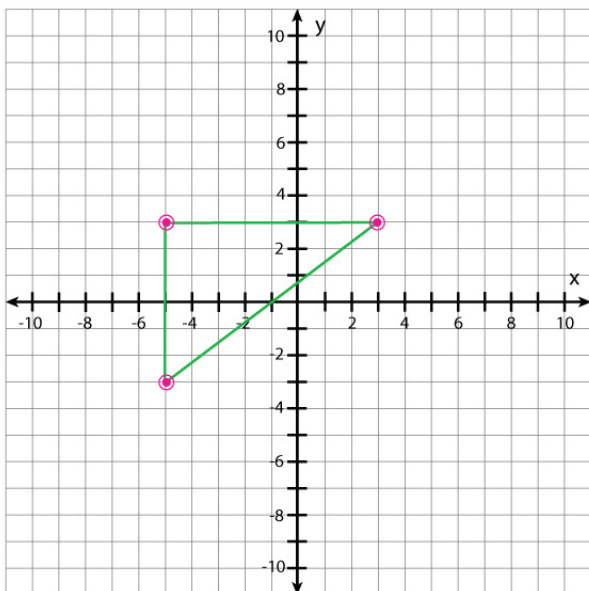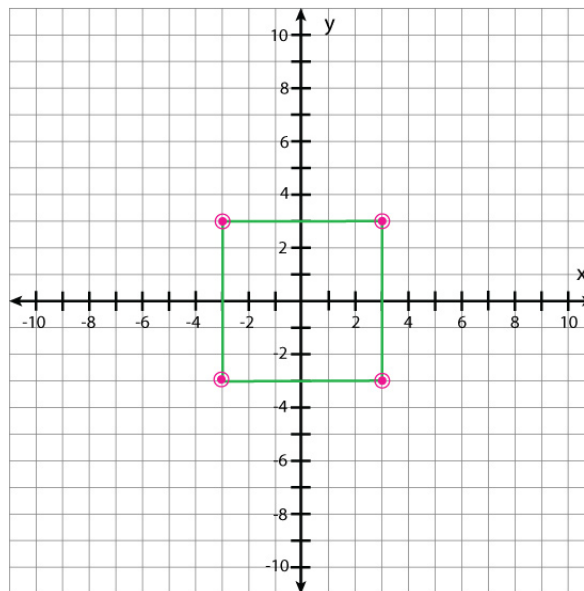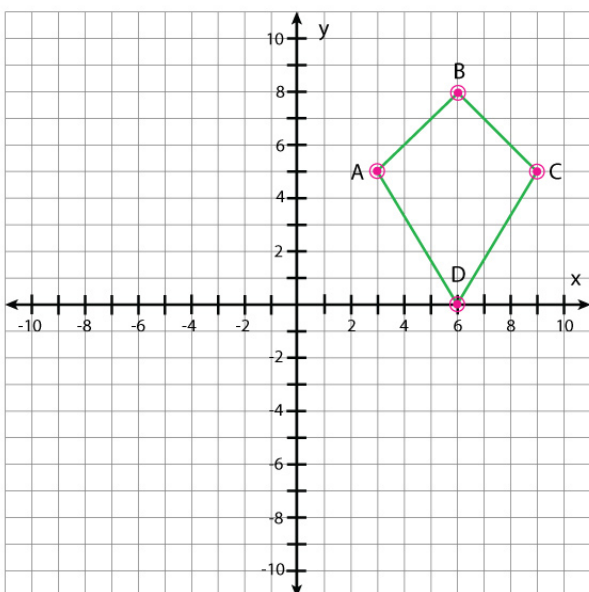## Drawing Polygons in the Coordinate Plane Worksheet

1 Draw a polygon having three coordinates as (-5,3) , (3,3) and (-5,-3). Name the polygon.
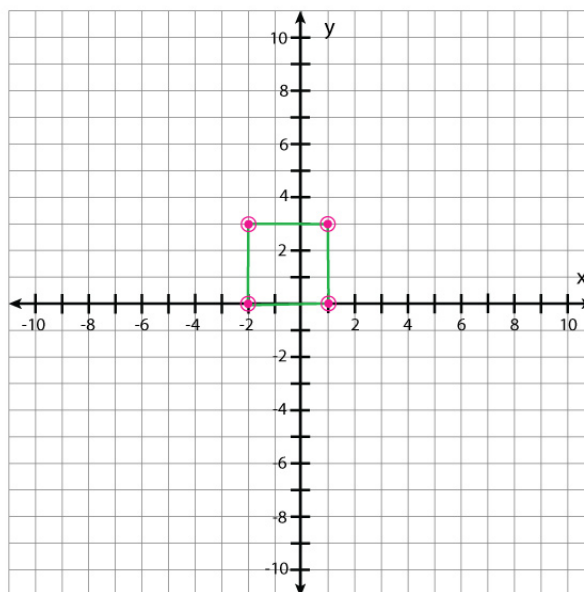

_____

2 Complete the polygon with four vertices (-3,3), (3,3), (3,-2), and (-3,-2).
Find the area and perimeter of the polygon.

_____

3 Draw and find the area of the polygon with coordinate points A (3,5) , B (6,8) , C (9,5) and D (6,0)

_____

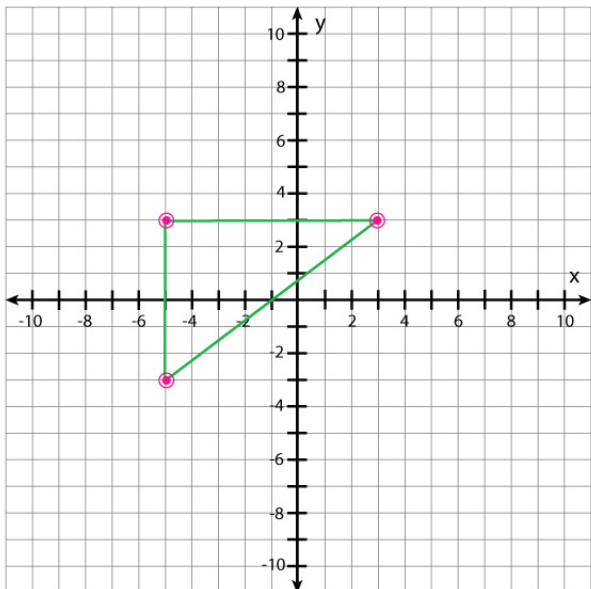**4** Draw and find the perimeter of the formed polygon with coordinate points given.

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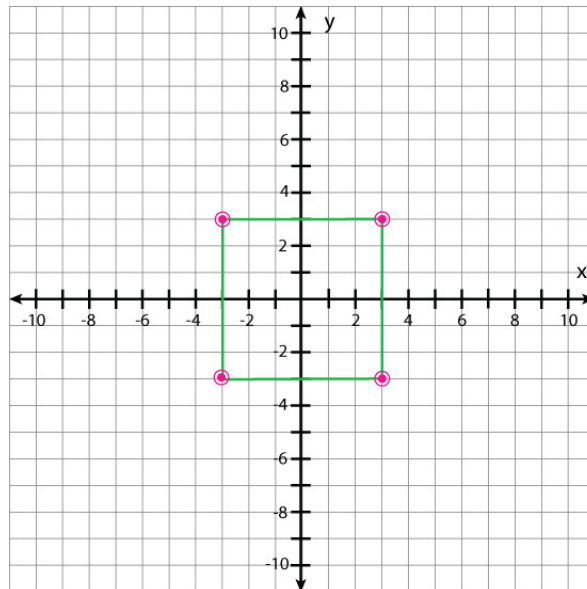
Drawing Polygons in the Coordinate Plane Worksheet

Answers

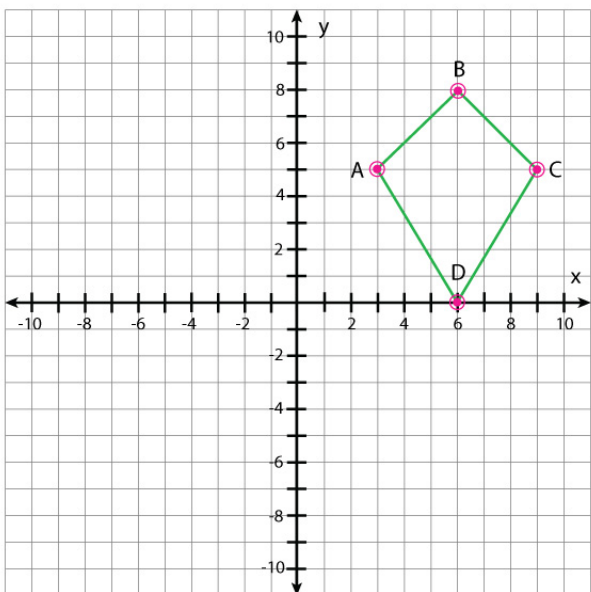**1** Draw a polygon having three coordinates as (-5,3) , (3,3) and (-5,-3). Name the polygon.

Triangle

2 Complete the polygon with four vertices (-3,3), (3,3), (3,-2), and (-3,-2).
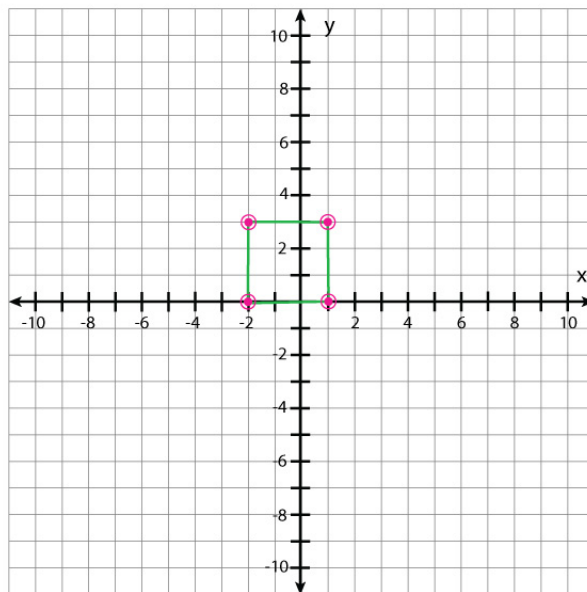Find the area and perimeter of the polygon.

Area = 30 square units,
Perimeter = 22 units

3 Draw and find the area of the polygon with coordinate points A (3,5) , B (6,8) , C (9,5) and D (6,0)

24 square units

4 Draw and find the perimeter of the formed polygon with coordinate points given.

12 units