Area and Perimeter on a Coordinate Grid

You will need: 20x20 graph paper, ruler

1. Number the x-axis and y-axis on the graph paper.

2. Plot the points of each polygon. Using a ruler, connect the points in the order that you plot them, connecting the last point to the first point.

3. Label each polygon (A-F). Label the lengths of each side and find the area and perimeter of each polygon.

Polygon	Coordinates	Area	Perimeter
A	(1,1) (1,8) (4, 8) (4,1)		
B	(7,2) (7,4) (9,4) (9,2)		
C	(2,11) (19,11) (19,13) (2,13)		
D	(6,6) (6,9) (15,9) (15,6)		
E	(18, 15) (1, 15) (1, 19) (18, 19)		
F	(11,1) (19, 1) (19, 7) (17, 7) (17,3) (11,3)		

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