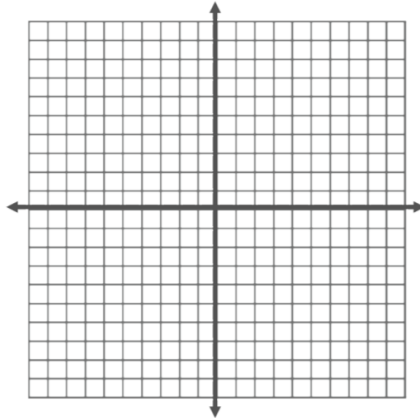


11.3 Day 1 Use the Coordinate Plane to Calculate Perimeter and Area

LEVEL: EMERGING

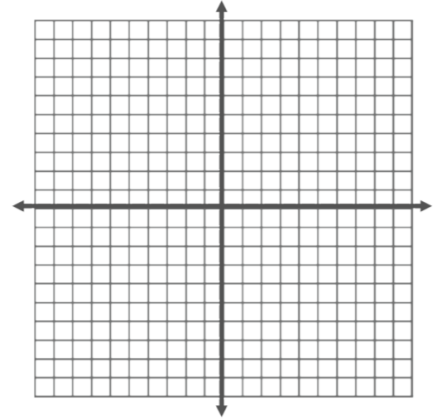
Directions: Find the perimeter of the given shape. Show all work!

1) Kite: $S(-5,4)T(2,8)O(5,4)P(2,0)$



Perimeter: _____

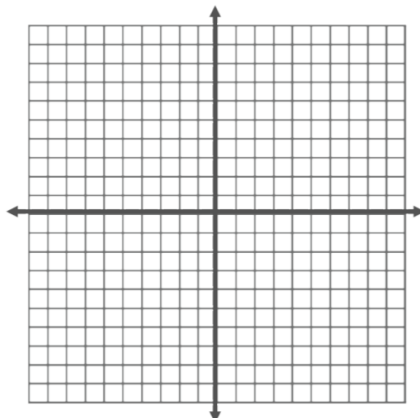
2) Trapezoid: $J(-4,1)U(1,1)M(-6,-3)P(3,-3)$



Perimeter: _____

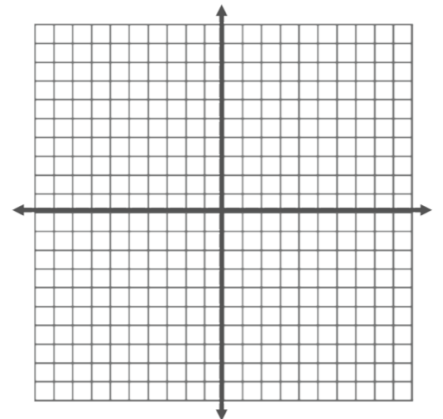
Directions: Find the area of the given shape. Show all work!

3) Triangle: $P(1,1)O(4,7)D(8,1)$



Area: _____

4) Kite: $J(-4,0)U(-6,4)M(-4,5)P(-2,4)$

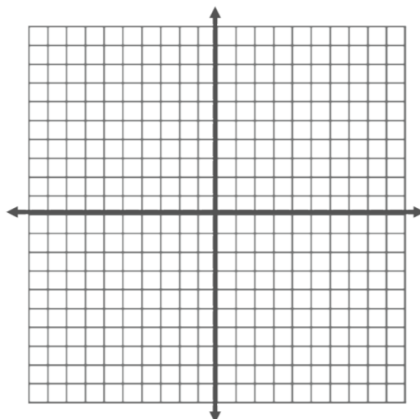


Area: _____

LEVEL: PROFICIENT

Directions: Classify the given shape. Then find the perimeter or area. Show all work!

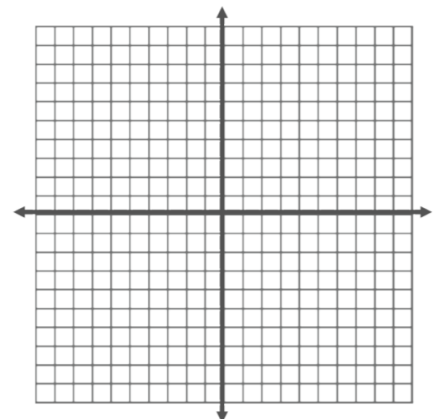
5) $M(5,2)A(7,-3)Z(-3,-7)E(-5,-2)$



Type: _____

Perimeter: _____

6) $C(1,0)O(4,4)R(10,4)N(7,0)$



Type: _____

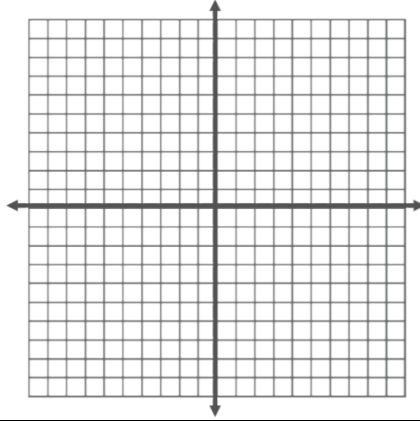
Perimeter: _____

7) $Z(-6,0)O(1,3)N(4,-4)E(-3,-7)$

8) $C(-2,-4)H(0,2)O(6,4)P(4,-2)$

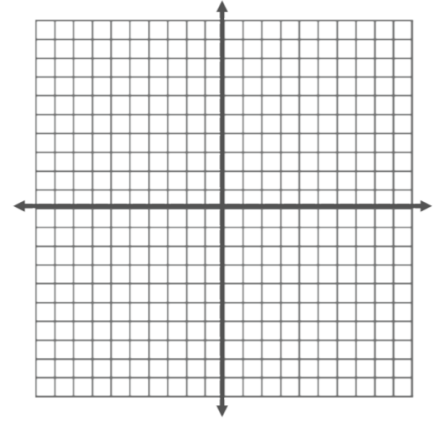
Type: _____

Area: _____



Type: _____

Area: _____



LEVEL: MASTERY

Directions: Given the indicated figure, find the 4th point that would produce the given measure. Show all work!

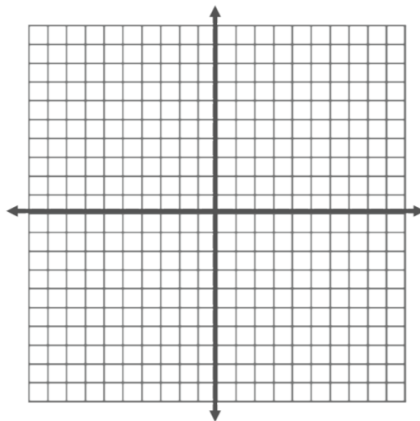
9) Trapezoid *LOVE*; $L(-5,4)$ $O(-7,-3)$ $V(7,-3)$

Area = 77 units²

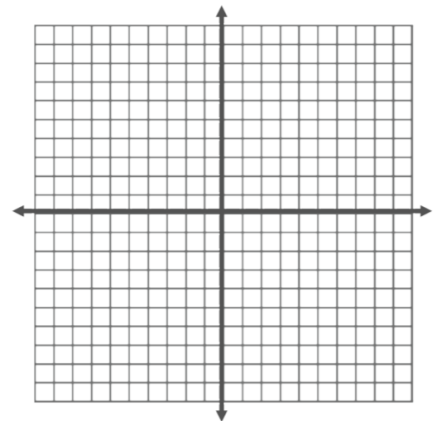
(Hint: *OV* is a base)

10) Kite *LAMP*; $L(4,10)$ $A(10,2)$ $M(4,-6)$

Perimeter = 44 units



$E: (\quad , \quad)$



$P: (\quad , \quad)$