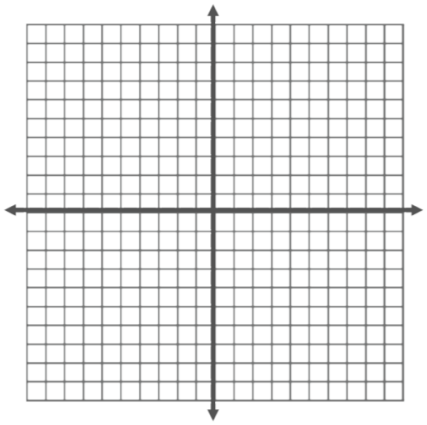
Geometry Mathematician: _____
Unit 11 Area of Polygons Period:_____
11.3 Day 2 Use the Coordinate Plane to Calculate Perimeter and Area

LEVEL: EMERGING

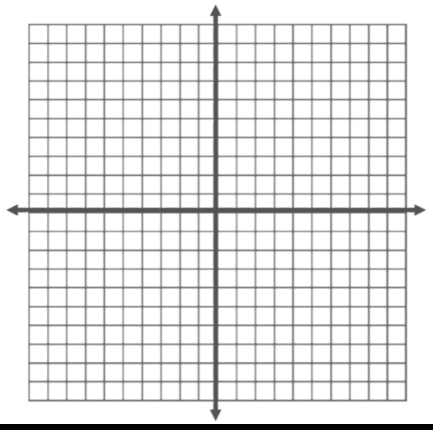
Directions: Find the perimeter of the given shape. Show all work!

1) Kite: $A(1,1)N(5,3)D(7,1)Y(5,-1)$



Perimeter: _____

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

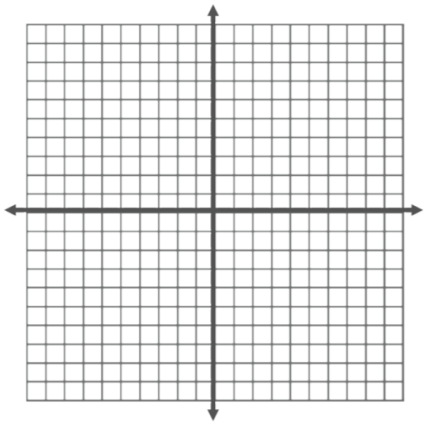


Area: _____

LEVEL: PROFICIENT

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

3) $M(-1,0)I(1,3)K(-3,6)E(-5,3)$

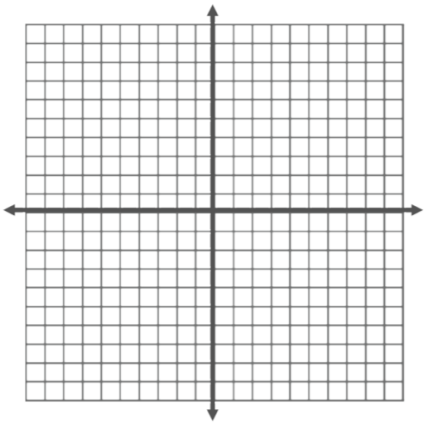


Shape: _____

Perimeter: _____

Area: _____

4) $R(1,-6)Y(6,-4)A(6,0)N(-4,-4)$

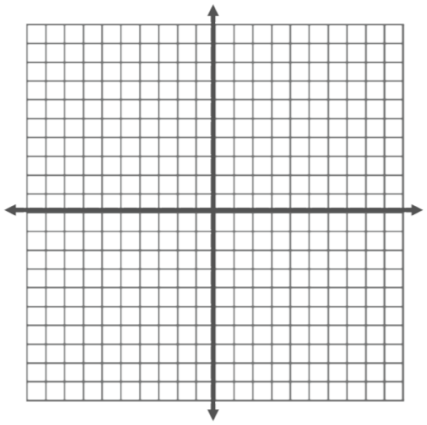


Shape: _____

Perimeter: _____

Area: _____

5) $M(-4,0)I(-6,-2)L(-4,-4)E(-2,-2)$

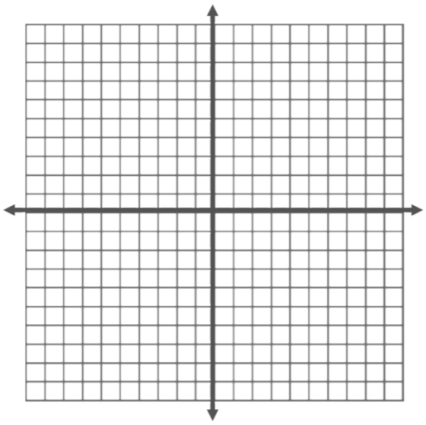


Shape: _____

Perimeter: _____

Area: _____

6) $F(-5,8)I(3,4)L(5,-7)M(-3,-3)$



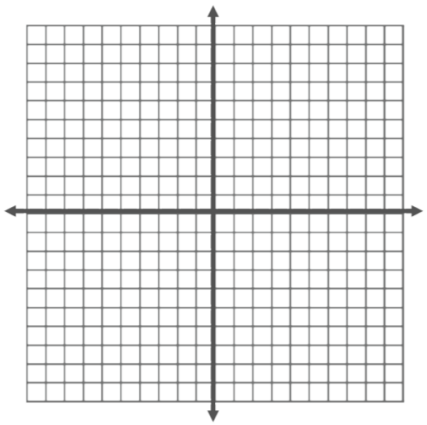
Shape: _____

Perimeter: _____

Area: _____

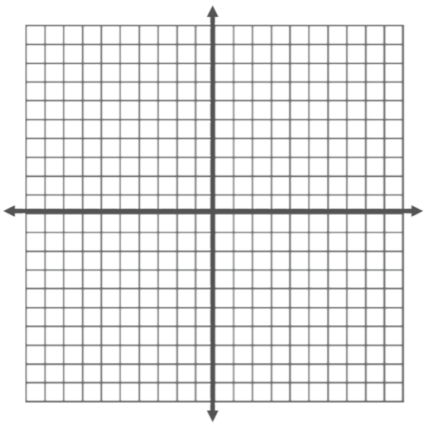
LEVEL: MASTERY

7) Draw your own square. Then find the perimeter and area of it.



Area = _____ Perimeter: _____

8) Draw your own parallelogram. Then find the perimeter and area of it.



Area = _____ Perimeter: _____