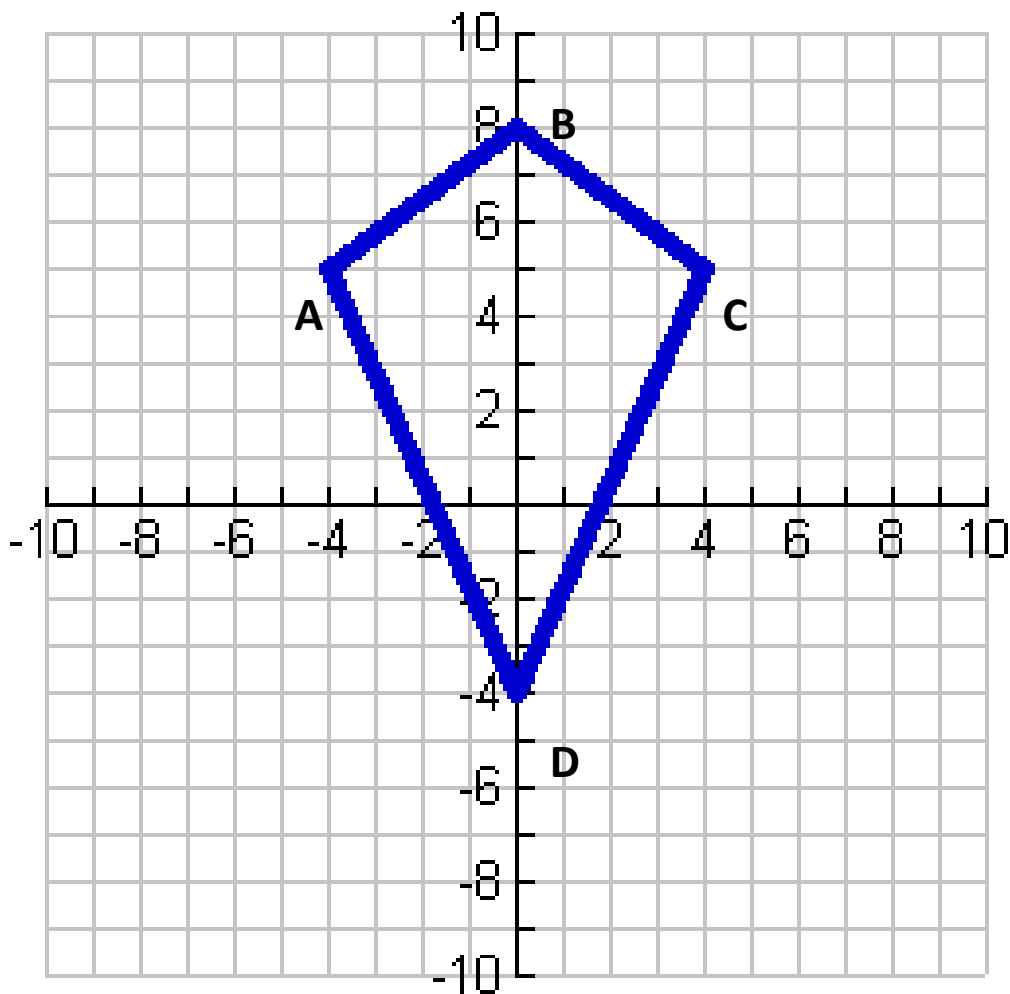Name _____

Period _____   Date _____
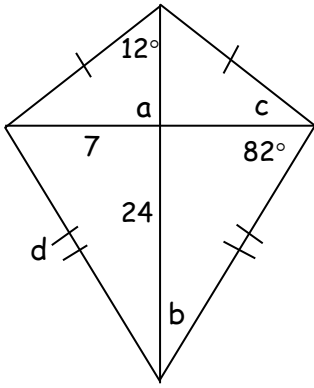
EXPLORE/EXPLAIN

Directions: Use the grid and kite provided to discover the properties of a kite.   Remember to find the length of each side and each diagonal. Also find the measure of each angle including those created by the diagonals. **WRITE ALL MEASUREMENTS ON THE DIAGRAM**
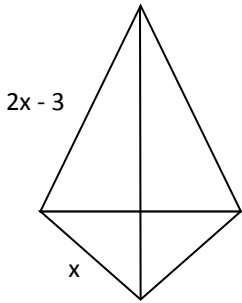

Properties Discovered

Find the variables.

1.

12°
a
c
7
82°
24
d
b

a = _____

b = _____

c = _____

d = _____

2.

2x - 3

x

Perimeter of kite = 66

3.

10

x

16

17

y