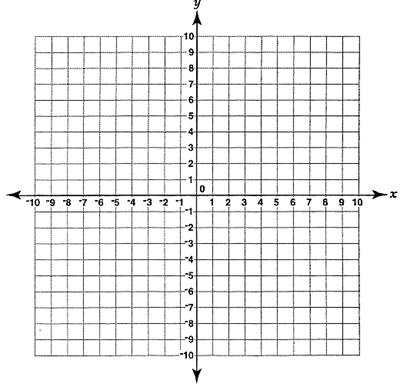
Name: \_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_ Date: \_\_\_\_\_\_\_\_\_\_\_ Hour: \_\_\_\_\_

Coordinate Classification Practice

Determine whether the figure is a trapezoid, a parallelogram, a square, a rhombus or a general quadrilateral given the vertices. Show your work! Graph the figure to help you. If the graph is not large enough, extend it for you ☺



1.

Slopes: Distances:

Conclusion:

ABCD \_\_\_\_\_\_\_\_\_\_ a parallelogram because \_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_

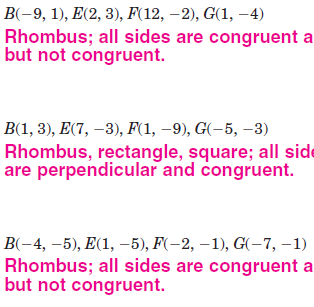
ABCD \_\_\_\_\_\_\_\_\_\_ a rhombus because \_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_

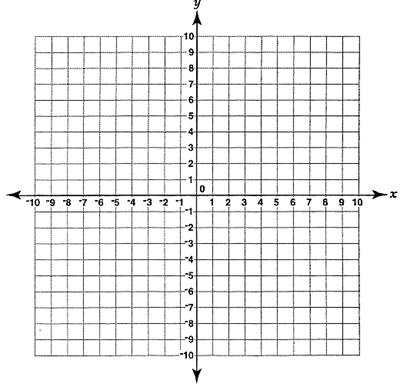
ABCD \_\_\_\_\_\_\_\_\_\_ a rectangle because \_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_

ABCD \_\_\_\_\_\_\_\_\_\_ a square because \_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_

(is or is not)

Review: Find the perimeter.

2.

Slopes: Distances:

Conclusion:

BEFG \_\_\_\_\_\_\_\_\_\_ a parallelogram because \_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_

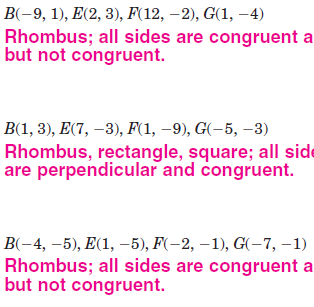
BEFG \_\_\_\_\_\_\_\_\_\_ a rhombus because \_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_

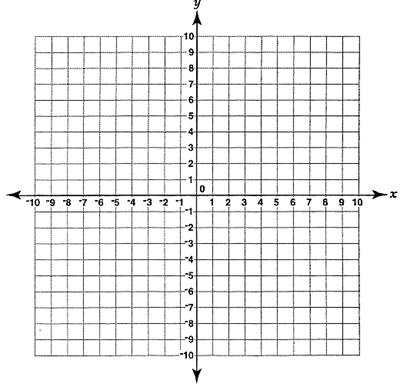
BEFG \_\_\_\_\_\_\_\_\_\_ a rectangle because \_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_

BEFG \_\_\_\_\_\_\_\_\_\_ a square because \_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_

(is or is not)

Review: Find the perimeter.

3.

Slopes: Distances:

Conclusion:

BEFG \_\_\_\_\_\_\_\_\_\_ a parallelogram because \_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_

BEFG \_\_\_\_\_\_\_\_\_\_ a rhombus because \_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_

BEFG \_\_\_\_\_\_\_\_\_\_ a rectangle because \_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_

BEFG \_\_\_\_\_\_\_\_\_\_ a square because \_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_

(is or is not)

Review: Find the perimeter.

**Find the missing coordinate in the quadrilateral. Practice for MIDTERM! ☺**

4. is a rectangle with and .  Find the coordinates of

5. is a rectangle with and .  Find the coordinates of

6. is a rectangle with and .  Find the coordinates of

KEY:

1. Rectangle,

2. Rhombus,

3. Square,

4. D

5. C

6. B