

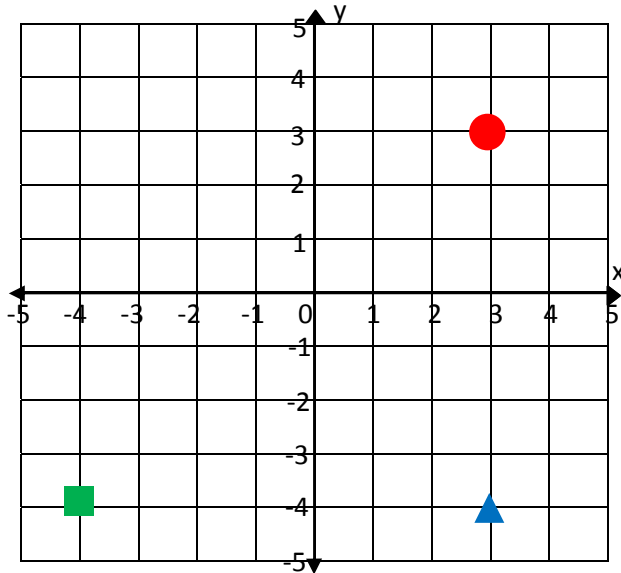
Name _____

Date _____

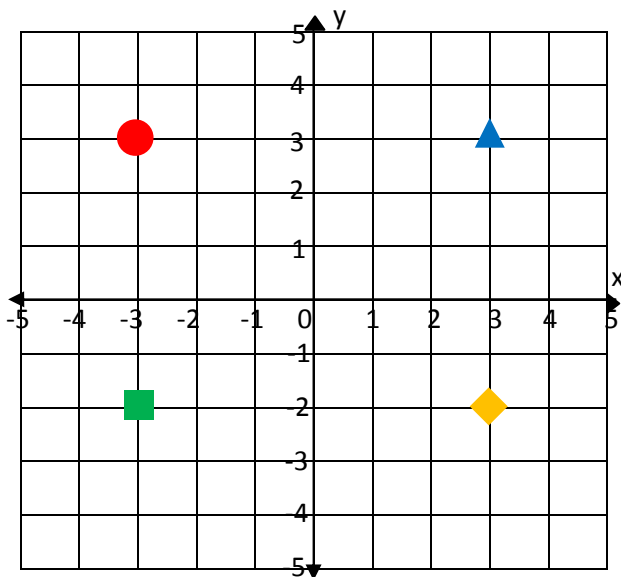
Polygons in the Coordinate Plane - Independent Practice Worksheet

Complete all the problems.

1) Which shape do these three icons form? Write the area of formed shape if 1 unit = 1 mile.



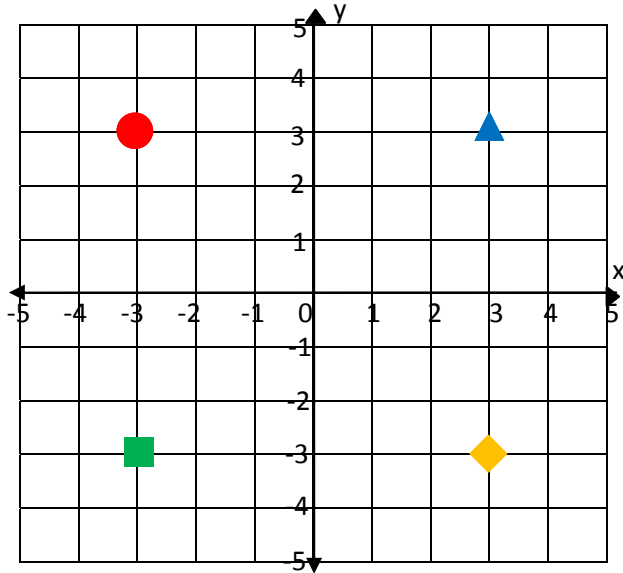
2) Which shape do these four icons form? Write the area of formed shape if 1 unit = 1 mile.



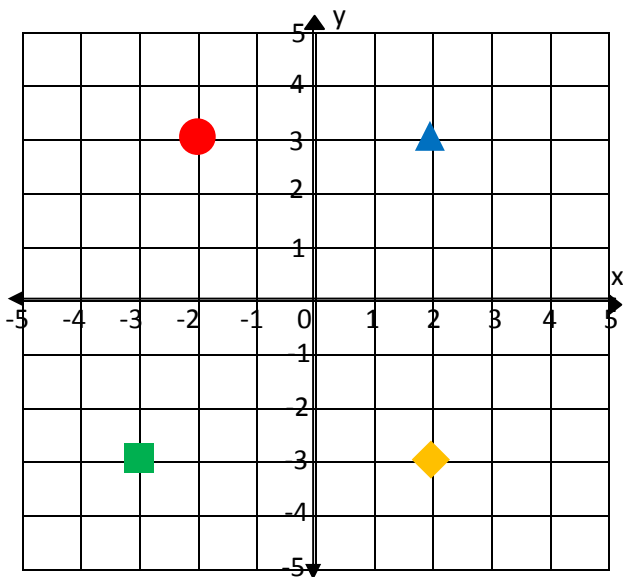
Name _____

Date _____

3) Which shape do these four icons form? Write the area of formed shape if 1 unit = 1 mile.



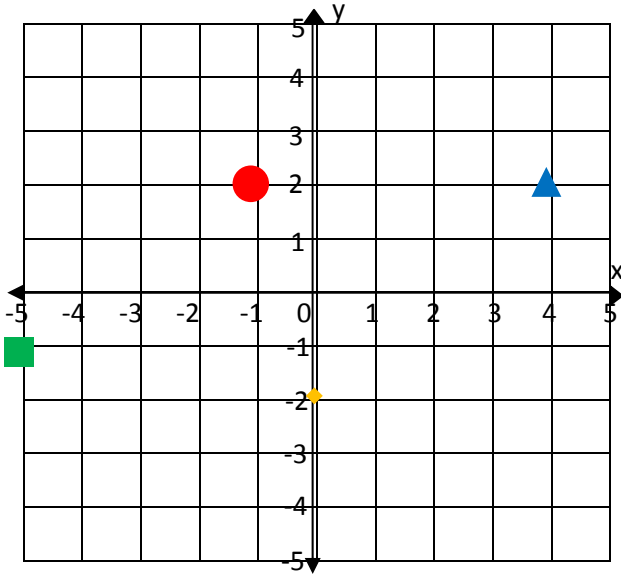
4) Which shape do these four icons form? Write the area of formed shape if 1 unit = 1 mile.



Name _____

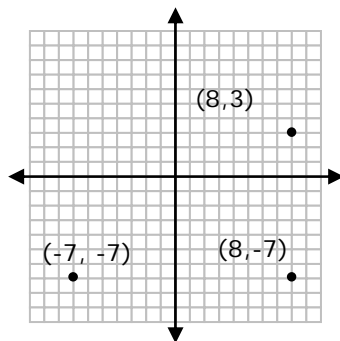
Date _____

5) Which shape do these four icons form? Write the area of formed shape if 1 unit = 1 mile.



6) If the points on the coordinate plane below are the three vertices of a rectangle;

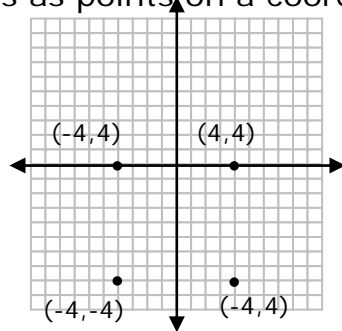
What are the coordinates of the fourth vertex? Represent the locations as points on a coordinate grid with a unit of 1 mile.



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7) What is the area of this square, which is shown in this graph? Represent the locations as points on a coordinate grid with a unit of 1 mile.

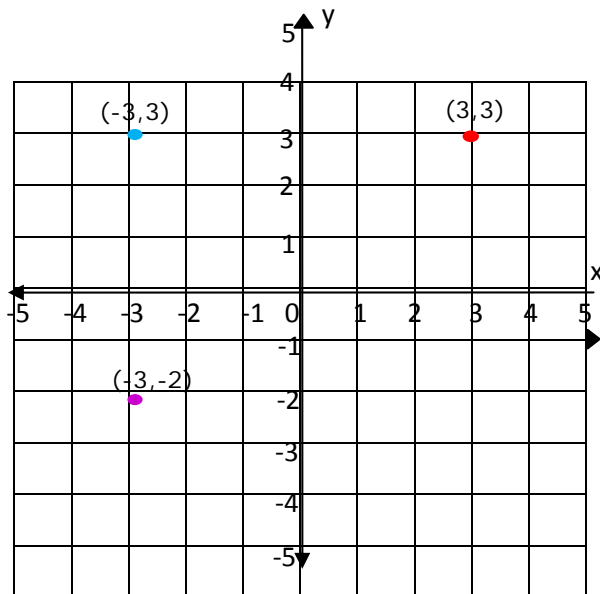


8) On a map, John's school is located at $(4, -5)$, the Mc Donald's is located at $(4, 3)$ and his home is situated at $(3, -1)$. Represent the locations as points on a coordinate grid with a unit of 1 km.

- What is the distance from the John's school to the Mc Donald's?
- What shape connects the three locations from? Find the area of figure.

9) Jade hides his brother's toy car by dividing it three parts. He hid the tires at $(-3, -2)$, steering wheel at $(-3, 3)$, and seats at $(3, 3)$. He asked his brother to find the car parts by providing clues. Represent the locations as points on a coordinate grid with a unit of 1 m.

- What is the distance from the steering wheel to the seats?
- What shape do these locations form? Find the area of figure?



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10) If the points on the coordinate plane below make a true rectangle;

Find the perimeter of the rectangle? Represent the locations as points on a coordinate grid with a unit of 1 mile.

