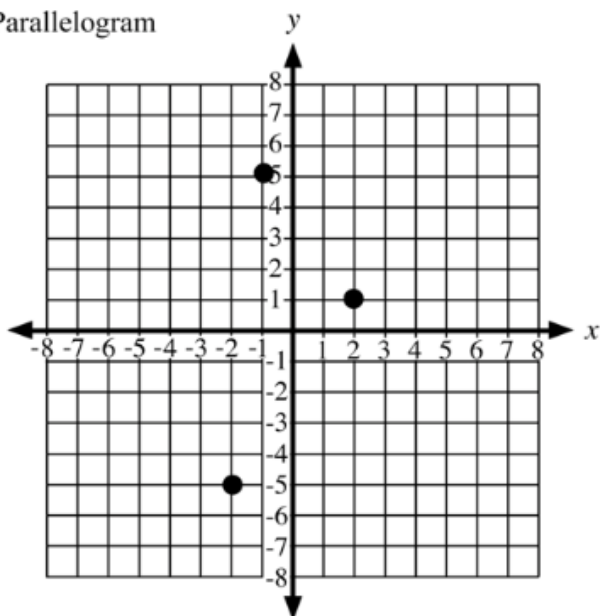


14.8 Find the missing point

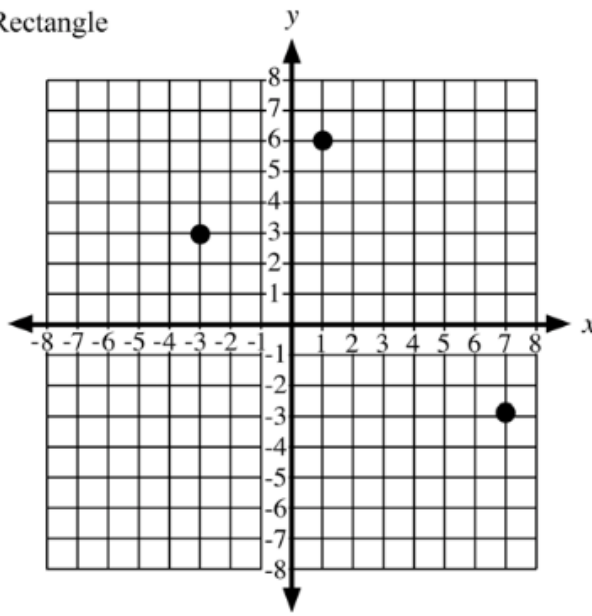
Locate the fourth point in each problem to create the designated quadrilateral. Label the point as an ordered pair. Then describe why the resulting figure is the desired quadrilateral.

1. Parallelogram



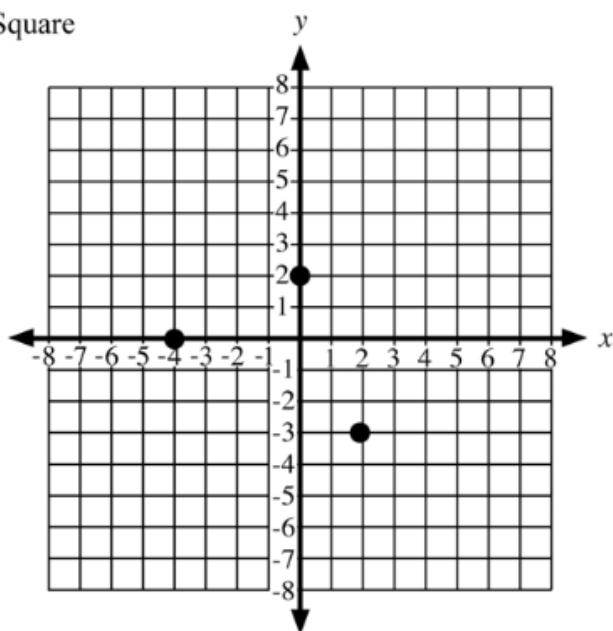
Justification:

2. Rectangle



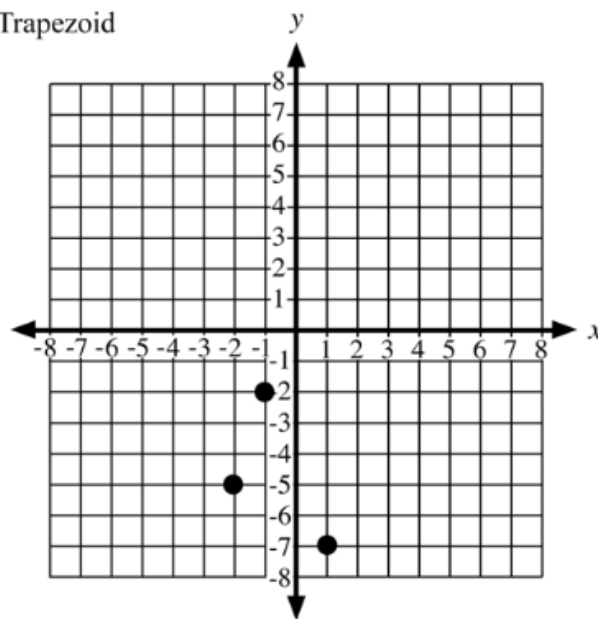
Justification:

3. Square



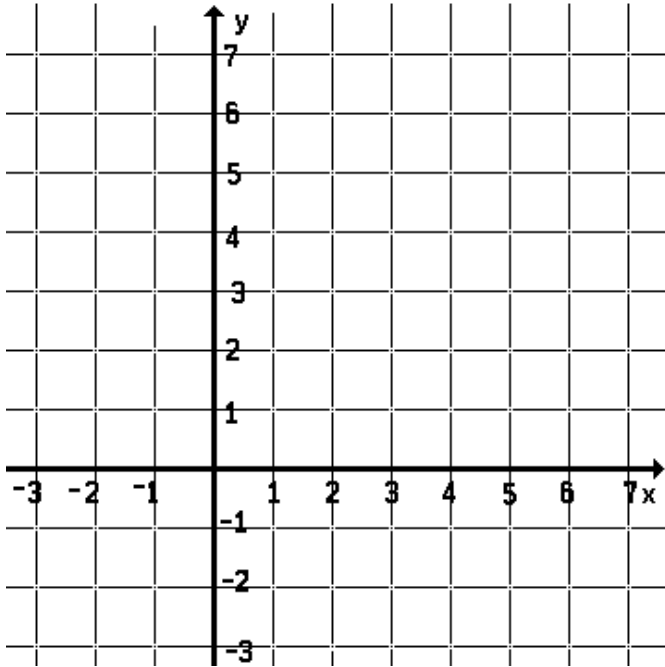
Justification:

4. Trapezoid



Justification:

The coordinates of the zoo are (3,5). Place the other landmarks on the map at the indicated coordinates:



- a. Zoo (3,5)
- b. Telephone company (2,4)
- c. Post office (1,2)
- d. Museum (3,2)
- e. Music store (3,3)
- f. Library (5,3)
- g. School (2,2)
- h. Electric company (5,2)
- i. Bowling alley (3,1)
- j. Bank (5,1)

Complete each list with the missing landmark from the map to create the indicated quadrilateral.

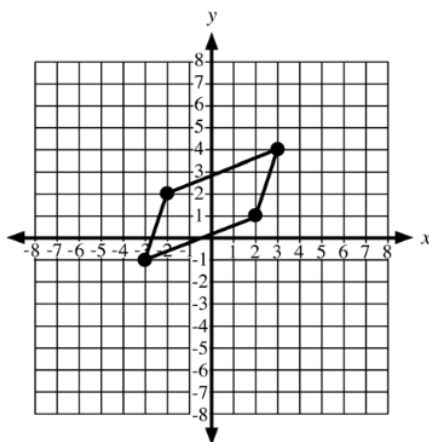
5. Parallelogram: school, music store, telephone company, _____

6. Rectangle: bank, museum, electric company, _____

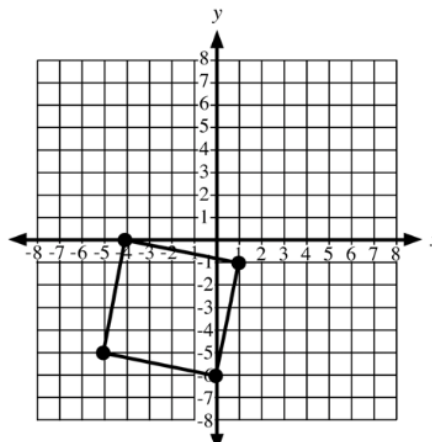
7. Choose a different point or landmark that would create a trapezoid for #6. _____

Find the perimeter of the following quadrilaterals.

8. Perimeter: _____



9. Perimeter: _____



10. Perimeter: _____

