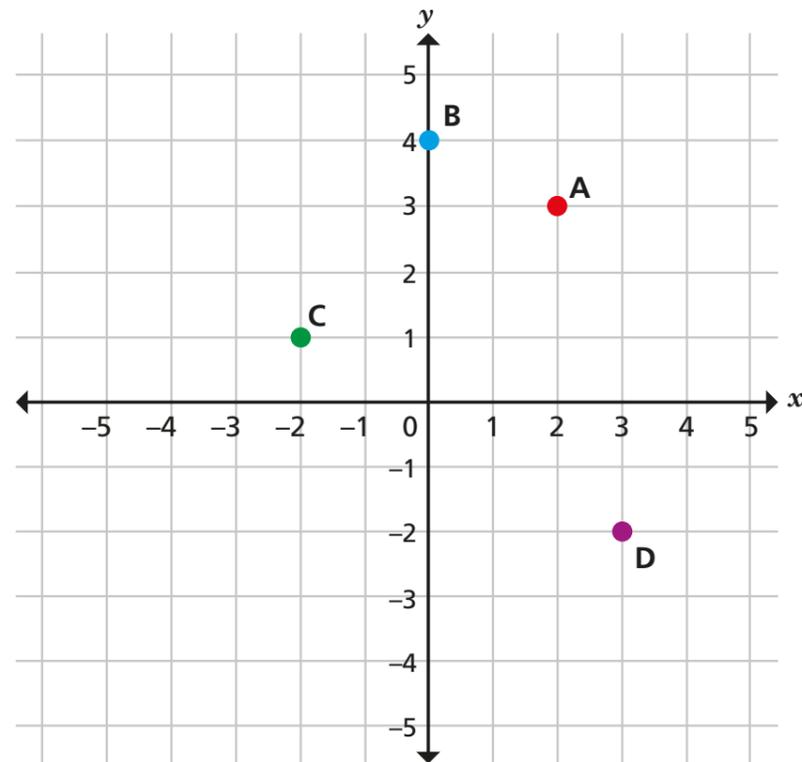


Work with coordinates in all four quadrants

1 Here is a coordinate grid showing the points A, B, C and D.



a) Write the coordinates of points A, B, C and D.

A (,) C (,)

B (,) D (,)

b) Which point is in the 2nd quadrant? _____

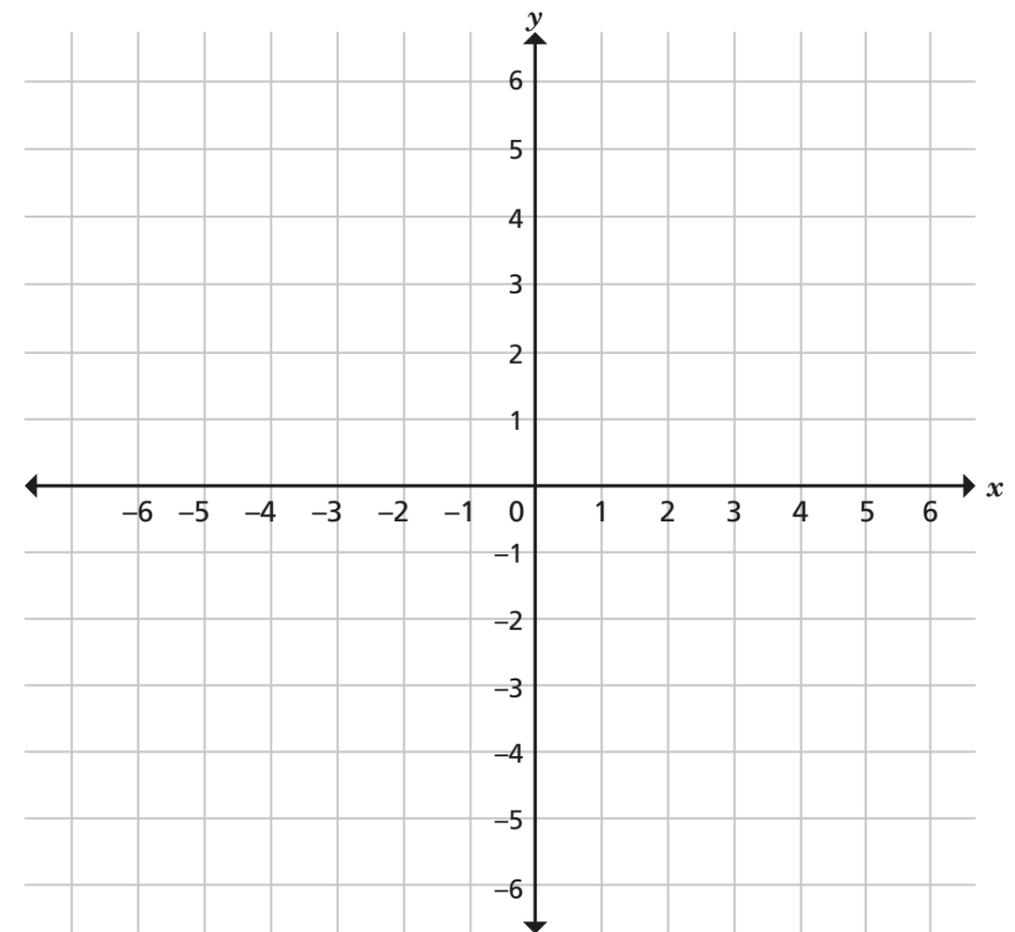
c) Which point is closest to the origin? _____

2 Which of the following points is not in the same quadrant as the others?
Circle your answer.

(-3, 1) (-2, 1) (-4, -2) (-7, 2)

Is the point (0, 0) in the same quadrant as the other three points?

3 Here is a blank coordinate grid.



a) Plot these points on the grid.

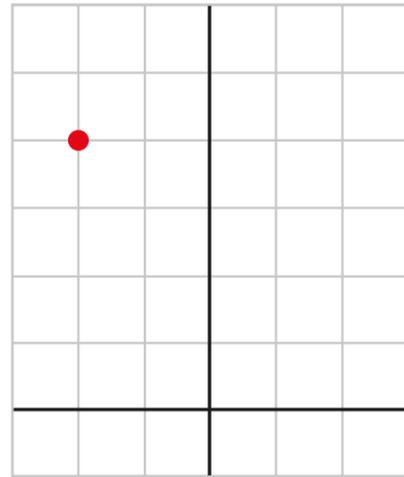
J(2, 0) L(-4, -6) K(-4, 2) M(2, -4)

b) What type of quadrilateral is the shape JKLM? _____

4



Point A is at (2, 4) because it is 2 across and 4 up.



Is Annie correct? _____

Explain your answer.

5

The points Q(6, 0), R(0, 0) and S form a right-angled triangle QRS.

Tick the coordinate(s) that could be the point S.

(6, 8)

(0, -4)

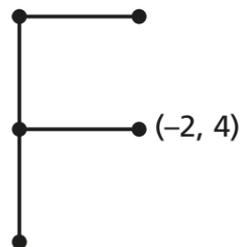
(9, -2)

(-2, 0)

6

Filip has drawn an F on a coordinate grid. One point is labelled.

Suggest possible values for the other points and label them on the diagram.



Compare answers with a partner.

Is there more than one possible set of answers?

7

The rectangle LMNP has an area of 700 square units.

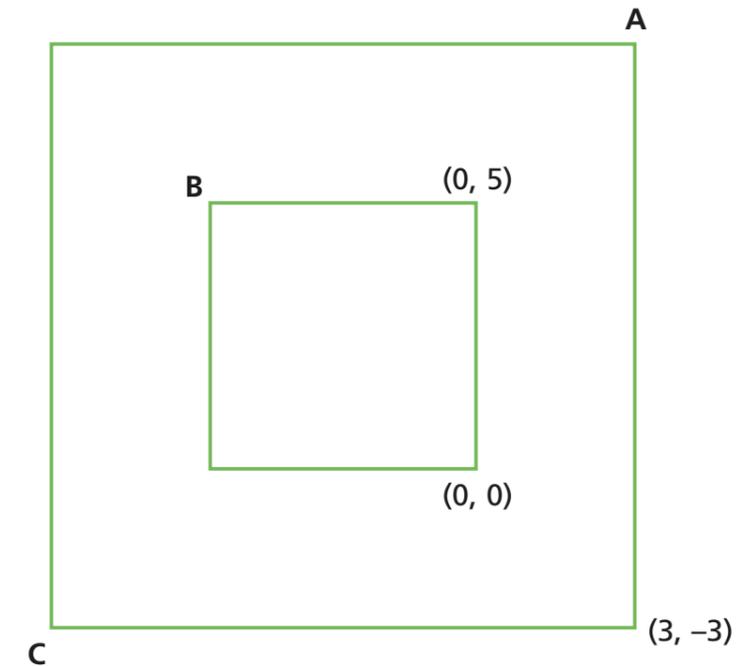
The point L is (15, 15) and the point P is (-20, 15).

Find one possible pair of answers for M and N.

M(,) and N (,)

8

The diagram shows two concentric squares. (Concentric squares share the same centre.)



a) Find the labelled coordinates.

A (,) B (,) C (,)

b) What are the coordinates of the centre point of both squares?

(,)

