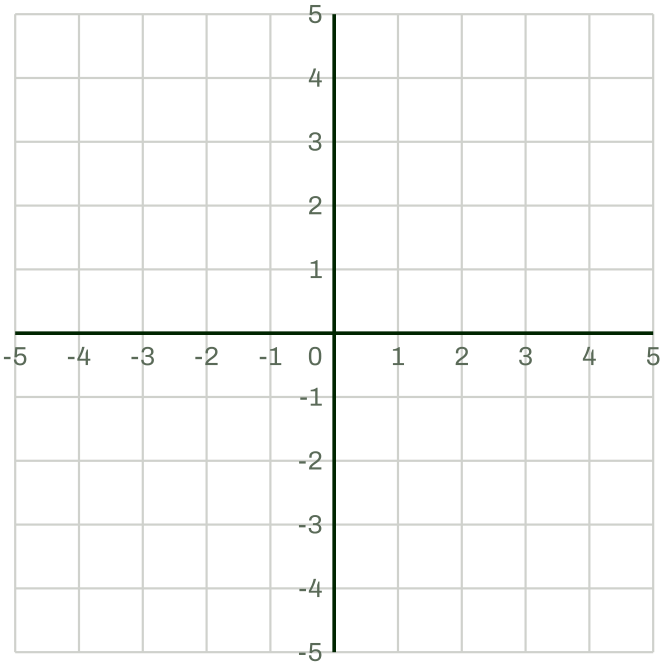


Draw a polygon on the coordinate plane

NAME	DATE	SCORE
		/ 10

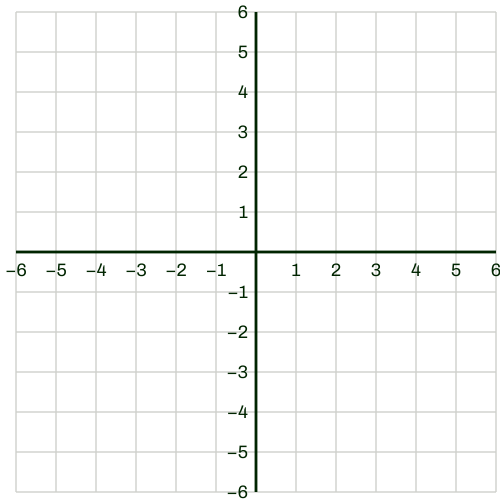
- 1

The points $(-1, 0)$, $(1, 2)$ and $(-1, 4)$ are three vertices of a square. Plot the fourth vertex.



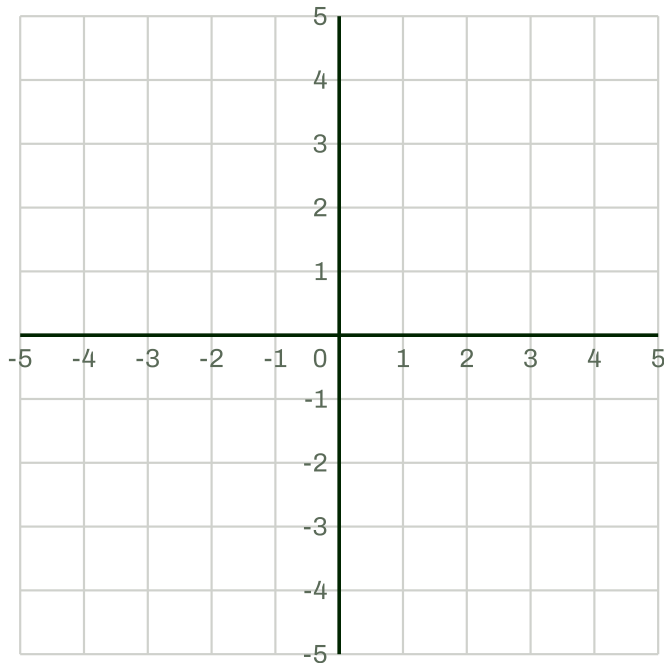
2

Plot the points A (3, -2), B (-3, -2) and C (3, 3) on the coordinate plane below. Draw straight lines from A to B, B to C and C back to A.



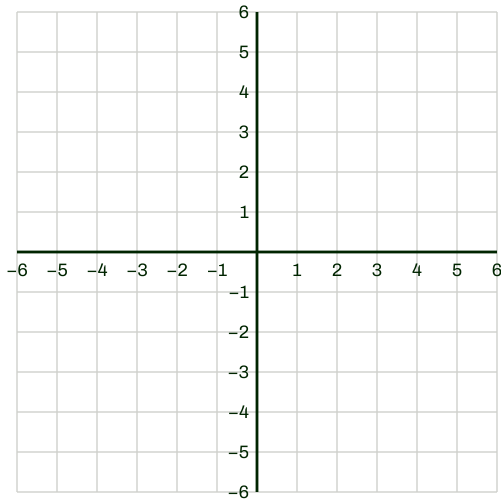
3

The points (3, 0), (1, 0) and (1, -2) are three vertices of a square. Plot the fourth vertex.



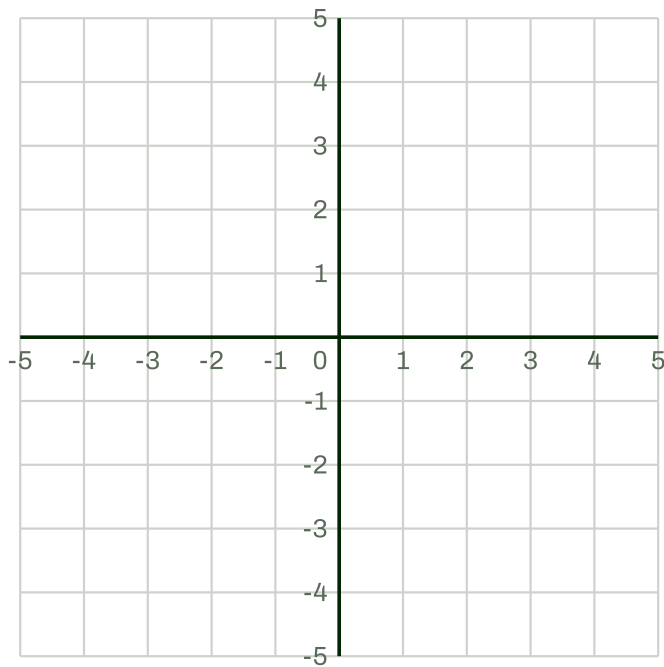
4

Plot the points A (2, 2), B (−6, 2), C (−4, −1) and D (0, −1) on the coordinate plane below. Draw straight lines from A to B, B to C, C to D and D back to A.

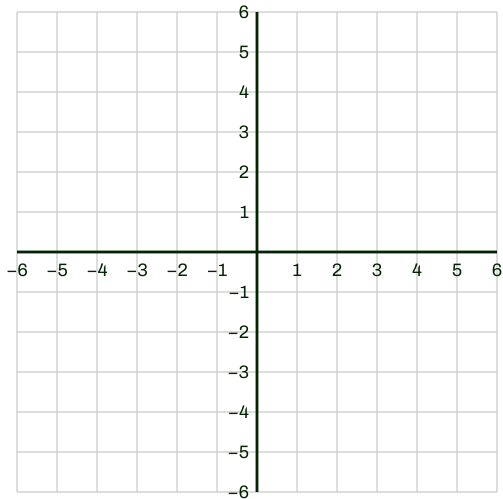


5

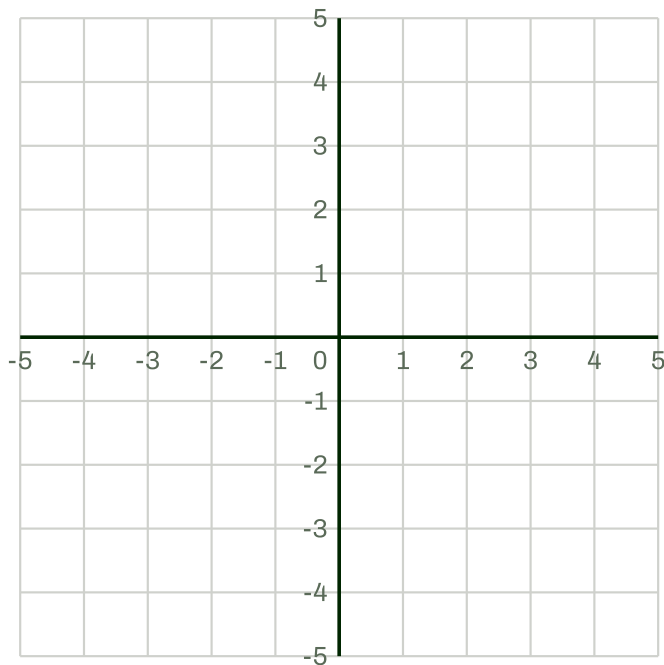
The points (−4, −3), (2, −3) and (2, −1) are three vertices of a rectangle. Plot the fourth vertex.



- 6** Plot the points A (1, -1), B (-3, -1), C (-4, 3) and D (2, 3) on the coordinate plane below. Draw straight lines from A to B, B to C, C to D and D back to A.

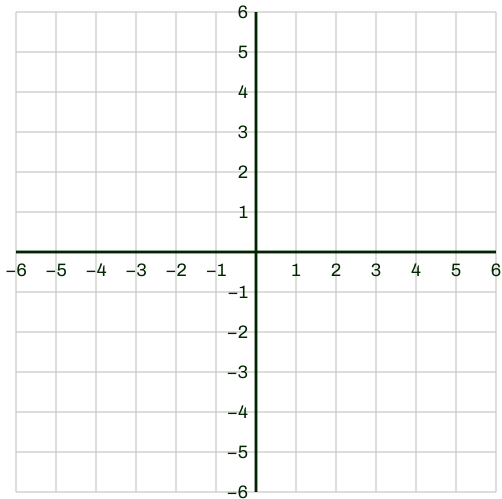


- 7** The points (1, 5), (-1, 5) and (-1, 2) are three vertices of a rectangle. Plot the fourth vertex.



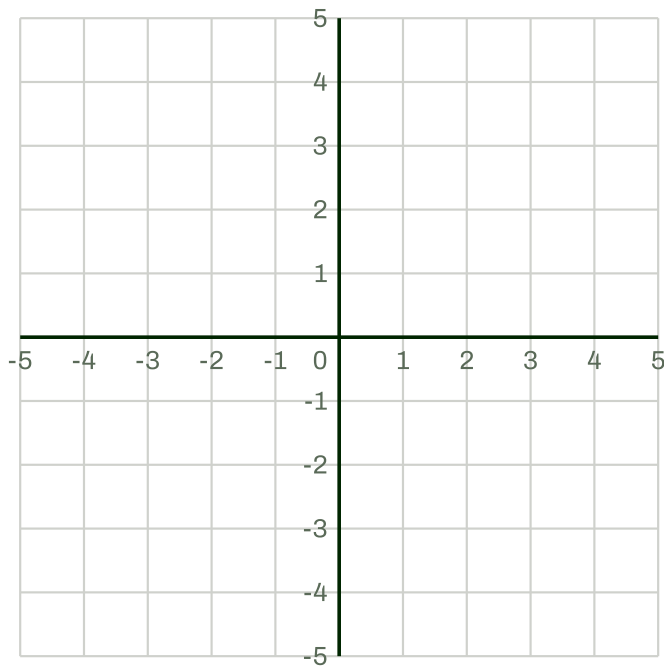
8

Plot the points A $(-1, -4)$, B $(2, 1)$ and C $(3, -4)$ on the coordinate plane below. Draw straight lines from A to B, B to C and C back to A.

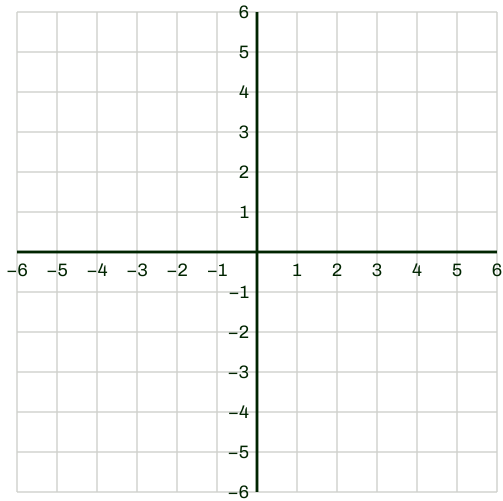


9

The points $(3, -4)$, $(3, 1)$ and $(0, 1)$ are three vertices of a rectangle. Plot the fourth vertex.



- 10** Plot the points A $(-2, 1)$, B $(-5, -1)$, C $(-1, -1)$ and D $(2, 1)$ on the coordinate plane below. Draw straight lines from A to B, B to C, C to D and D back to A.



Draw a polygon on the coordinate plane

1 -3, 2

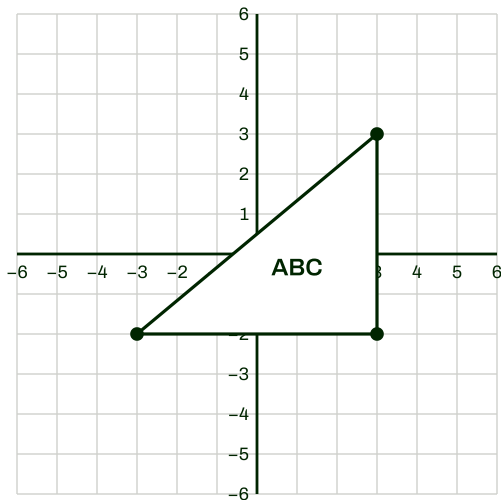
3 3, -2

5 -4, -1

7 1, 2

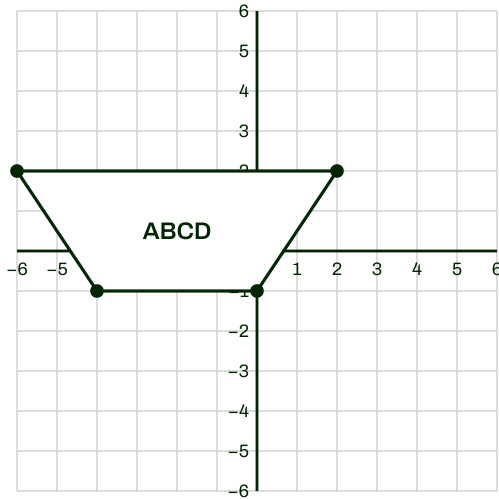
9 0, -4

2 A drawing



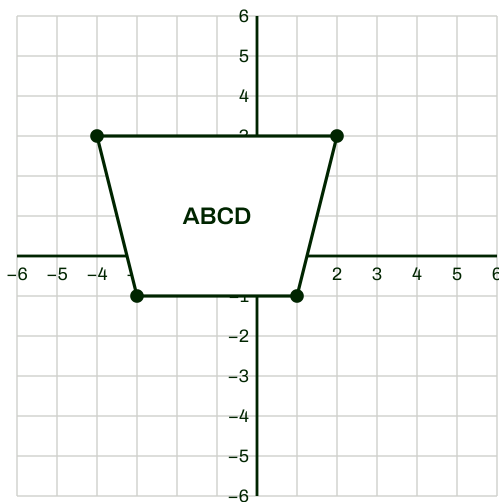
What counts as right: 3 points plotted exactly where their grid lines cross: A at (3, -2), B at (-3, -2) and C at (3, 3), joined by straight lines in that order and back to A, making a right triangle. A point plotted with its two numbers swapped, such as A at (-2, 3) instead of (3, -2), does not count.

4 A drawing



What counts as right: 4 points plotted exactly where their grid lines cross: A at (2, 2), B at (-6, 2), C at (-4, -1) and D at (0, -1), joined by straight lines in that order and back to A, making a trapezoid. A point plotted with its two numbers swapped, such as B at (2, -6) instead of (-6, 2), does not count.

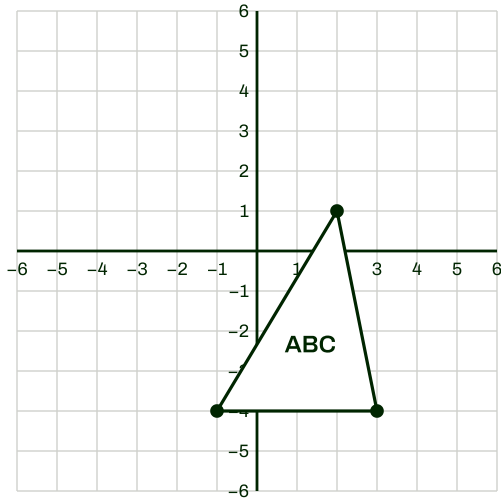
6 A drawing



What counts as right: 4 points plotted exactly where their grid lines cross: A at (1, -1), B at (-3, -1), C at (-4, 3) and D at (2, 3), joined by straight lines in that order and back to A, making a trapezoid. A point plotted with its two numbers swapped, such as A at (-1, 1) instead of (1, -1), does not count.

8

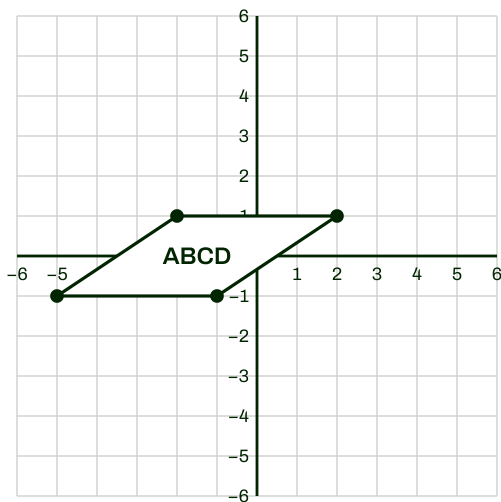
A drawing



What counts as right: 3 points plotted exactly where their grid lines cross: A at $(-1, -4)$, B at $(2, 1)$ and C at $(3, -4)$, joined by straight lines in that order and back to A, making a triangle. A point plotted with its two numbers swapped, such as A at $(-4, -1)$ instead of $(-1, -4)$, does not count.

10

A drawing



What counts as right: 4 points plotted exactly where their grid lines cross: A at $(-2, 1)$, B at $(-5, -1)$, C at $(-1, -1)$ and D at $(2, 1)$, joined by straight lines in that order and back to A, making a parallelogram. A point plotted with its two numbers swapped, such as A at $(1, -2)$ instead of $(-2, 1)$, does not count.