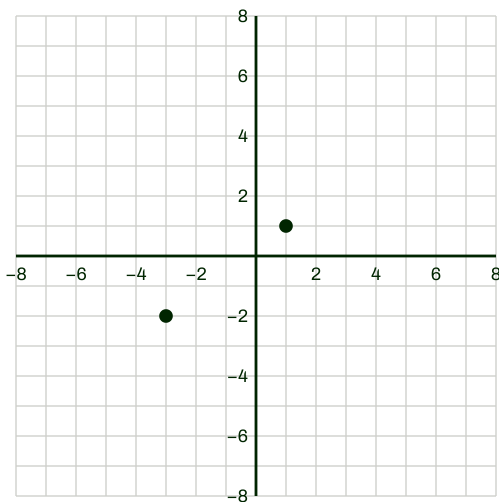


Find the distance between two points on the plane

NAME	DATE	SCORE / 10
------	------	------------

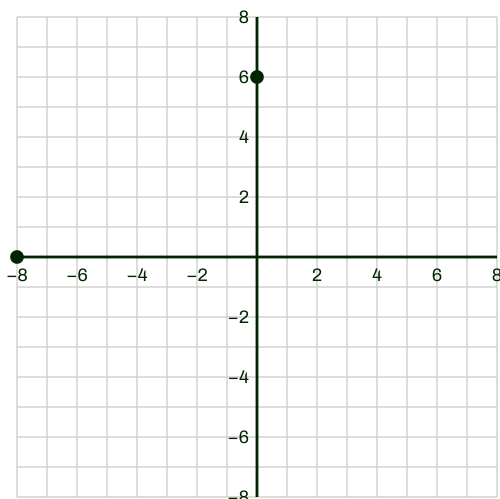
- 1** The points $(1, 1)$ and $(-3, -2)$ are plotted on the coordinate plane below. What is the distance, in units, from $(1, 1)$ to $(-3, -2)$?



- 2** On a map, each unit on the coordinate plane is 1 kilometre. The school is at $(-2, 2)$ and the farm is at $(2, -1)$. What is the straight-line distance, in kilometres, from the school to the farm?

3

The points $(-8, 0)$ and $(0, 6)$ are plotted on the coordinate plane below. What is the distance, in units, from $(-8, 0)$ to $(0, 6)$?

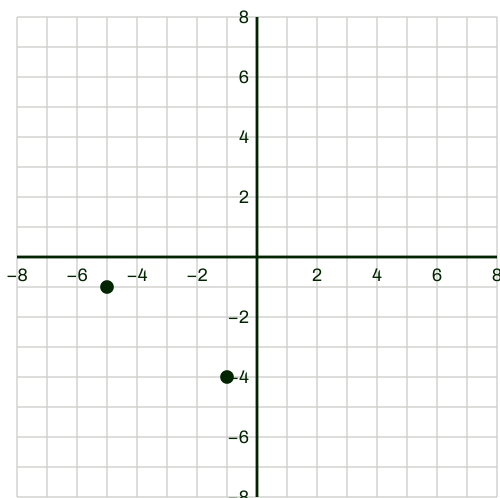


4

On a map, each unit on the coordinate plane is 1 kilometre. The farm is at $(-4, 2)$ and the store is at $(2, -6)$. What is the straight-line distance, in kilometres, from the farm to the store?

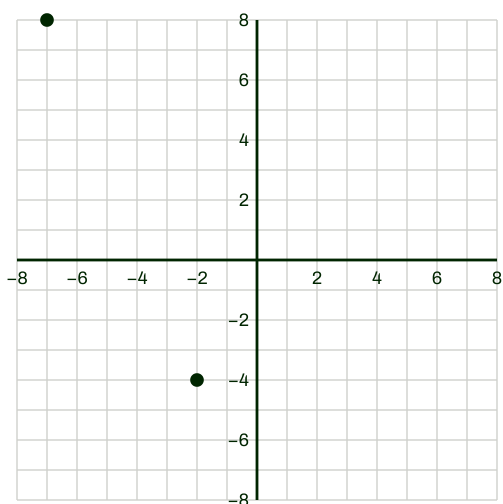
5

The points $(-5, -1)$ and $(-1, -4)$ are plotted on the coordinate plane below. What is the distance, in units, from $(-5, -1)$ to $(-1, -4)$?



- 6** On a map, each unit on the coordinate plane is 1 kilometre. The school is at $(-2, -3)$ and the farm is at $(2, 0)$. What is the straight-line distance, in kilometres, from the school to the farm?

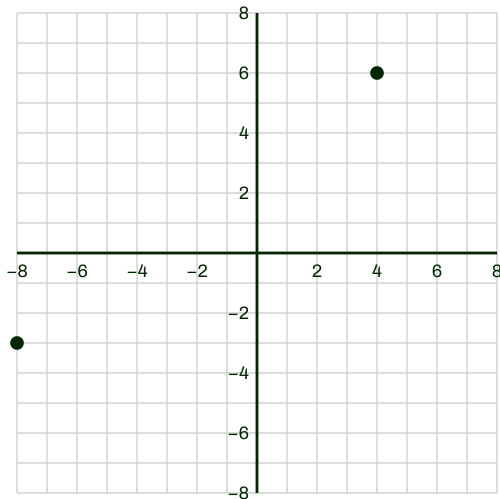
- 7** The points $(-2, -4)$ and $(-7, 8)$ are plotted on the coordinate plane below. What is the distance, in units, from $(-2, -4)$ to $(-7, 8)$?



- 8** On a map, each unit on the coordinate plane is 1 kilometre. The library is at $(1, 4)$ and the store is at $(-2, 8)$. What is the straight-line distance, in kilometres, from the library to the store?

9

The points $(-8, -3)$ and $(4, 6)$ are plotted on the coordinate plane below. What is the distance, in units, from $(-8, -3)$ to $(4, 6)$?



10

On a map, each unit on the coordinate plane is 1 kilometre. The park is at $(-1, 1)$ and the farm is at $(3, 4)$. What is the straight-line distance, in kilometres, from the park to the farm?

Find the distance between two points on the plane

1 5

3 10

5 5

7 13

9 15

2 5

4 10

6 5

8 5

10 5