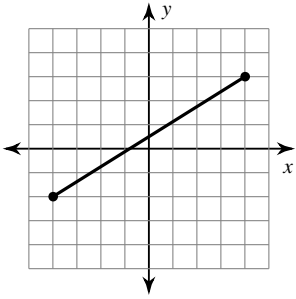


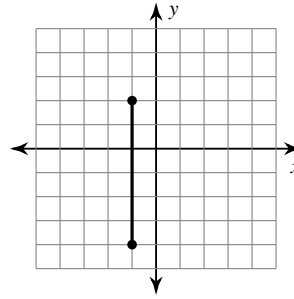
## The Distance Formula

Find the distance between each pair of points.

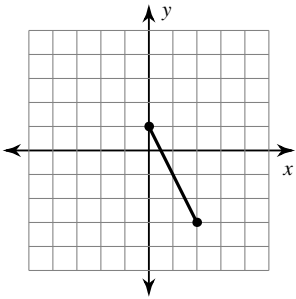
1)



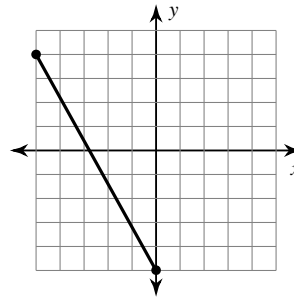
2)



3)



4)



5)  $(-1, 2), (2, -4)$

6)  $(4, 3), (-3, 4)$

7)  $(0, 4), (2, 3)$

8)  $(4, 0), (-4, 1)$

9)  $(12, 12), (-3, 1)$

10)  $(1, -9), (6, -6)$

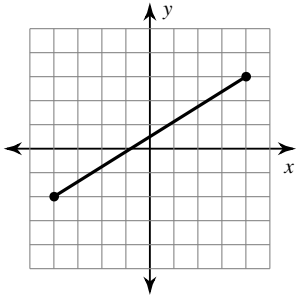
11)  $(5, -10), (-5, 4)$

12)  $(5, 5), (-6, -4)$

## The Distance Formula

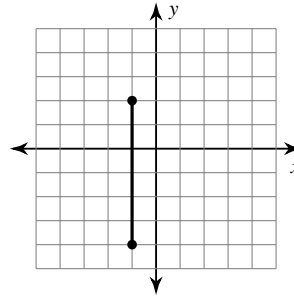
Find the distance between each pair of points.

1)



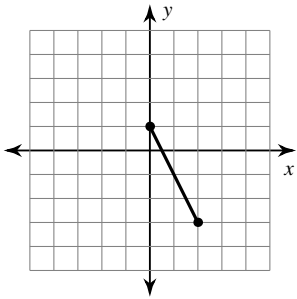
9.433

2)



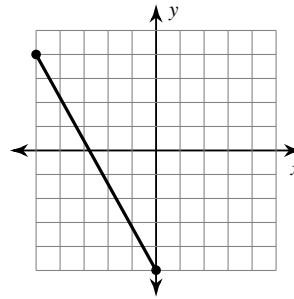
6

3)



4.472

4)



10.295

5)  $(-1, 2), (2, -4)$ 

6.708

6)  $(4, 3), (-3, 4)$ 

7.071

7)  $(0, 4), (2, 3)$ 

2.236

8)  $(4, 0), (-4, 1)$ 

8.062

9)  $(12, 12), (-3, 1)$ 

18.601

10)  $(1, -9), (6, -6)$ 

5.83

11)  $(5, -10), (-5, 4)$ 

17.204

12)  $(5, 5), (-6, -4)$ 

14.212