

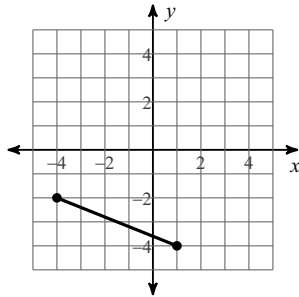
PRACTICE Quiz 6.3 Midpoint and distance formula**Find the midpoint of the line segment with the given endpoints.**

1) $(-7, -1), (-8, 10)$

2) $(8.4, 3.4), (-8.9, 6.1)$

Find the midpoint of each line segment. Give answer in reduced fraction form.

3)

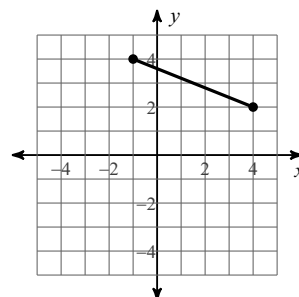
**Find the other endpoint of the line segment with the given endpoint and midpoint.**

4) Endpoint: $(10, 7)$, midpoint: $(-10, 9)$

Find the distance between each pair of points. Give answer in simplified radical form.

5) $(-3, 6), (-8, -4)$

6)



PRACTICE Quiz 6.3 Midpoint and distance formula

Find the midpoint of the line segment with the given endpoints.

1) $(-7, -1), (-8, 10)$

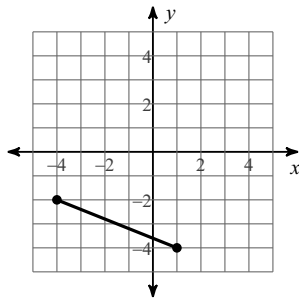
$$\left(-\frac{15}{2}, \frac{9}{2}\right)$$

2) $(8.4, 3.4), (-8.9, 6.1)$

$$(-0.25, 4.75)$$

Find the midpoint of each line segment. Give answer in reduced fraction form.

3)



$$\left(-1\frac{1}{2}, -3\right)$$

Find the other endpoint of the line segment with the given endpoint and midpoint.

4) Endpoint: $(10, 7)$, midpoint: $(-10, 9)$

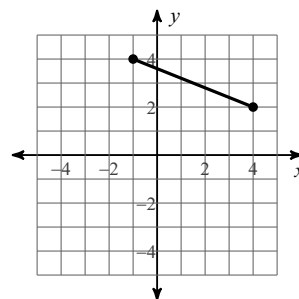
$$(-30, 11)$$

Find the distance between each pair of points. Give answer in simplified radical form.

5) $(-3, 6), (-8, -4)$

$$5\sqrt{5}$$

6)



$$\sqrt{29}$$