

Distance between Two Points

Find the distance between each pair of points. Round your answer to two decimal places.

1) $(7, -3), (5, 1)$

2) $(1, 10), (4, -3)$

3) $(-1, 2), (8, -4)$

4) $(-4, -6), (9, 5)$

5) $(9, 7), (-6, 2)$

6) $(-2, -4), (1, -4)$

7) $(-1, -8), (2, 1)$

8) $(6, -3), (-5, -7)$

9) $(-5, -5), (-2, 9)$

10) $(-7, -1), (8, 0)$

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Answer Key

Find the distance between each pair of points. Round your answer to two decimal places.

1) $(7, -3), (5, 1)$

$$\sqrt{20} \approx 4.47 \text{ units}$$

2) $(1, 10), (4, -3)$

$$\sqrt{178} \approx 13.34 \text{ units}$$

3) $(-1, 2), (8, -4)$

$$\sqrt{117} \approx 10.82 \text{ units}$$

4) $(-4, -6), (9, 5)$

$$\sqrt{290} \approx 17.03 \text{ units}$$

5) $(9, 7), (-6, 2)$

$$\sqrt{250} \approx 15.81 \text{ units}$$

6) $(-2, -4), (1, -4)$

$$3 \text{ units}$$

7) $(-1, -8), (2, 1)$

$$\sqrt{90} \approx 9.49 \text{ units}$$

8) $(6, -3), (-5, -7)$

$$\sqrt{137} \approx 11.7 \text{ units}$$

9) $(-5, -5), (-2, 9)$

$$\sqrt{205} \approx 14.32 \text{ units}$$

10) $(-7, -1), (8, 0)$

$$\sqrt{226} \approx 15.03 \text{ units}$$