Find the distance between the points. Round the answer to two decimal places.

Example: Find the distance between the points (–2, –1) and (3, –1).

\[
\text{Distance} = \sqrt{(x_2 - x_1)^2 + (y_2 - y_1)^2} \\
= \sqrt{(3 + 2)^2 + (-1 + 1)^2} \\
= \sqrt{5^2 + 0^2} = \sqrt{25} = 5 \text{ units}
\]

Find the distance between the points. Round the answer to two decimal places.

1) (0, 8), (–10, –7)  
2) (1, 5), (7, 9)  
3) (–9, 2), (–8, –1)  
4) (3, –4), (–6, –4)  
5) (–7, –5), (–3, 6)  
6) (4, –8), (2, –1)  
7) (1, 2), (–5, –5)  
8) (5, 9), (10, 0)  
9) (4, –9), (–1, –7)  
10) (–2, 6), (–3, 7)
Example: Find the distance between the points (–2, –1) and (3, –1).

Distance \(= \sqrt{(x_2 - x_1)^2 + (y_2 - y_1)^2}\)

\(= \sqrt{(3 + 2)^2 + (-1 + 1)^2}\)

\(= \sqrt{(5)^2 + (0)^2} = \sqrt{25 + 0} = \sqrt{25} = 5\) units

Find the distance between the points. Round the answer to two decimal places.

1) (0, 8), (–10, –7) 2) (1, 5), (7, 9)
3) (–9, 2), (–8, –1) 4) (3, –4), (–6, –4)
5) (–7, –5), (–3, 6) 6) (4, –8), (2, –1)
7) (1, 2), (–5, –5) 8) (5, 9), (10, 0)
9) (4, –9), (–1, –7) 10) (–2, 6), (–3, 7)

\(\sqrt{325} \approx 18.01\) units \(\sqrt{106} \approx 10.3\) units
\(\sqrt{2} \approx 1.41\) units

\(\sqrt{53} \approx 7.28\) units
\(\sqrt{137} \approx 11.7\) units
\(\sqrt{29} \approx 5.39\) units

\(\sqrt{85} \approx 9.22\) units

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