1-7 Solve It!



1-7 Lesson Quiz

1. \overline{AB} has endpoints at -2 and 12. What is the coordinate of its midpoint?

2. Do you UNDERSTAND? The midpoint of \overline{CD} is E(-1, 0). One endpoint is C(5, 2). What are the coordinates of the other endpoint?



3. What is the distance between P(-4, 3) and Q(6, 1)? Round to the nearest tenth.

Answers

Solve It!

7 units left, 0.5 unit down; explanations may vary. Sample: The horizontal distance between the two structures is 5 units, and the vertical distance is 3 units. The portal will form at the point $\frac{5}{2}$, or 2.5, units to the right and $\frac{3}{2}$, or 1.5, units up from the leftmost structure. The point is 7 units to the left and 0.5 unit down from the character.

Lesson Quiz 1. 5

- **2.** *D*(−7, −2)
- **3.** 10.2

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