

Warm-Up

Find the slope of the lines containing the following segments:

1. \overline{AB} A (3, 4) and B (5, 8)
2. \overline{CD} C (2, 1) and D (-4, 4)
3. \overline{EF} E (2, 3) and F (2, 8)
4. \overline{GH} G (3, 3) and H (7, 3)
5. \overline{IJ} I (9, 10) and J (5, 2)

Answers:

1. \overline{AB} : slope = 2
2. \overline{CD} : slope = $-\frac{1}{2}$
3. \overline{EF} : slope is undefined
4. \overline{GH} : slope is 0
5. \overline{IJ} : slope is 2