

Name: _____

Per: _____

POINTS: _____

Homework #9 Quiz

Be sure to include your work when appropriate.

Determine the slope of the line that contains the given points.

1. $G(-4, 3), H(-4, 7)$

2. $R(2, -6), S(-6, 5)$

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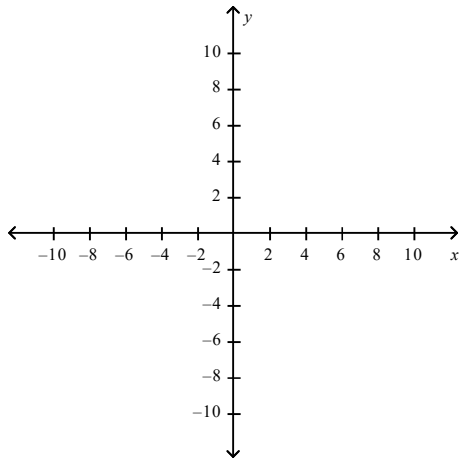
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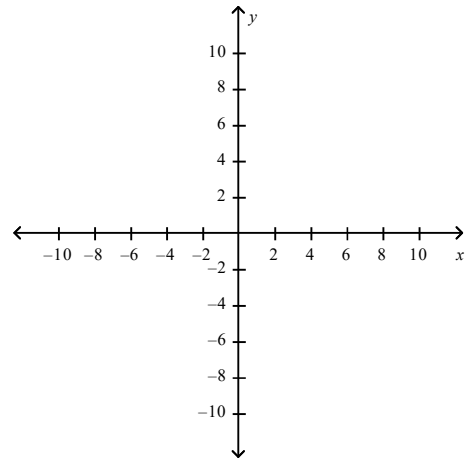
Determine whether \overline{AB} and \overline{CD} are **parallel**, **perpendicular**, or **neither**. Graph each line to verify your answer.

3. $A(1, 5)$, $B(4, 4)$, $C(9, -10)$,
 $D(-6, -5)$

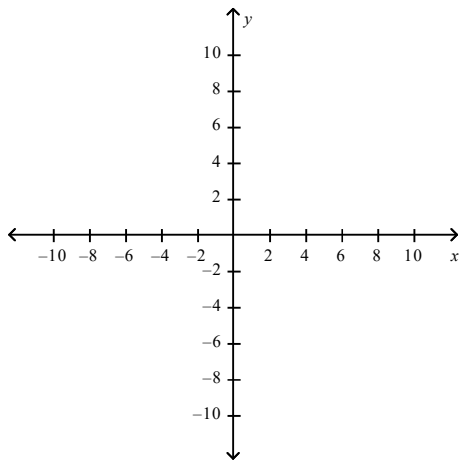


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4. $A(8, 4)$, $B(4, 3)$, $C(4, -9)$, $D(2, -1)$



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