Pre-AP Geometry Name:	
Per:	
POINTS:	

Homework #9 Quiz

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Be sure to include your work when appropriate.

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

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

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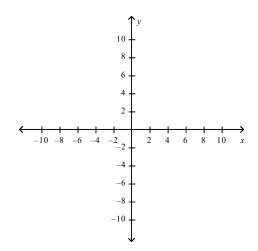
POINTS:\_\_\_\_

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

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

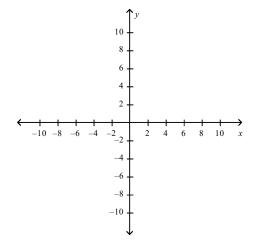
3. A(1, 5), B(4, 4), C(9, -10), D(-6, -5)



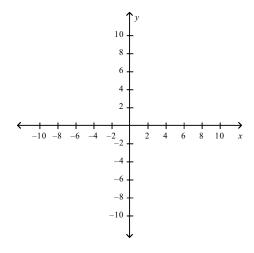
perpendicular, or neither. Graph each line to verify your answer.

Determine whether  $\overrightarrow{AB}$  and  $\overrightarrow{CD}$  are **parallel**,

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



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



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

