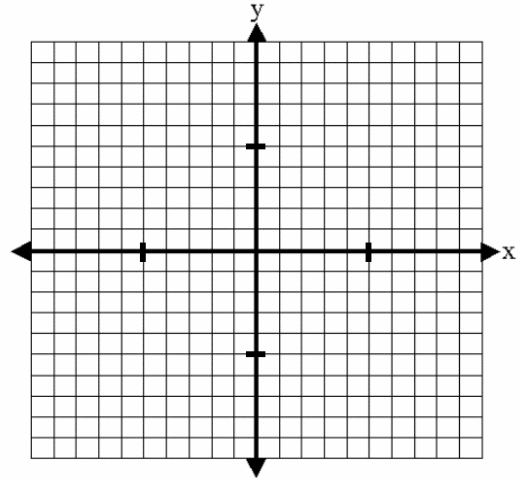


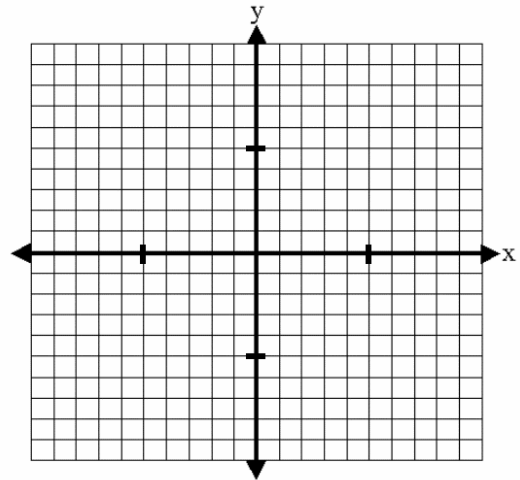
OBJECTIVE: To be able to calculate slope from a table, points, and a graph.
To be able to calculate parallel and perpendicular slopes.

For each pair of points, calculate the slope using the slope formula. Verify the slope by graphing the points.

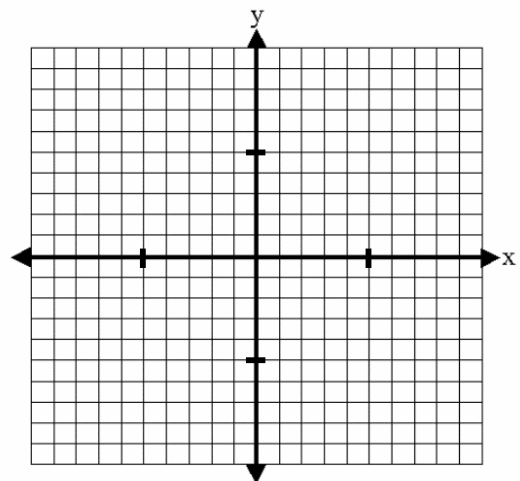
1. $(9, -1)$ $(-3, 2)$



2. $(6, 4)$ $(2, -8)$



3. $(0, 7)$ $(-2, 7)$



Use the points to determine if AB and CD are parallel, perpendicular, or neither.

4. $A(-3,5) B(-2,4)$

$C(12,-9) D(11,-10)$

5. $A(7,2) B(9,-3)$

$C(8,-5) D(3,-7)$

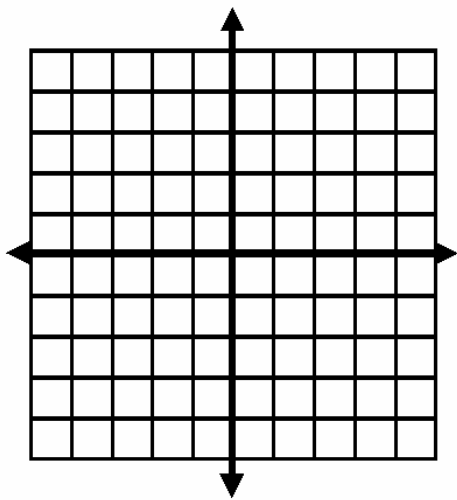
6. $A(14,-3) B(6,3)$

$C(1,12) D(17,-6)$

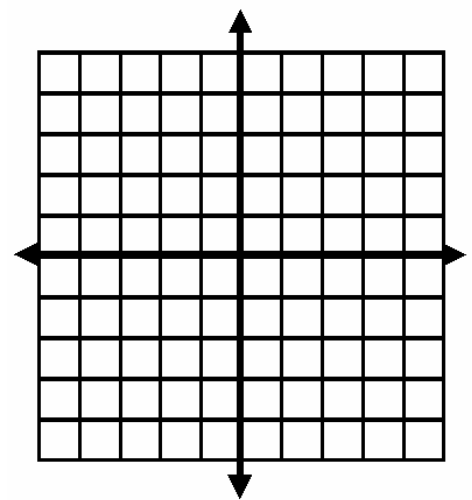
7. $A(5,0) B(3,-7)$

$C(-1,-4) D(3,-3)$

8. Sketch a graph of a line with an undefined slope.



9. Sketch a graph of a line with a zero slope.



Jumbled Answers

3

0

$-\frac{1}{4}$

Perpendicular

Neither

Neither

Perpendicular