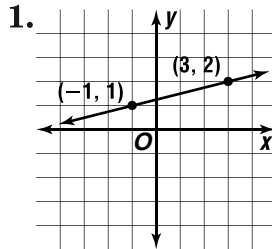
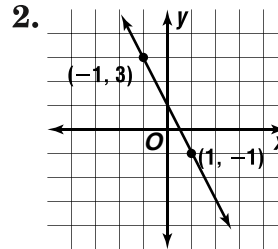


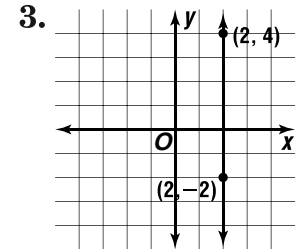
Skills Practice

Slope

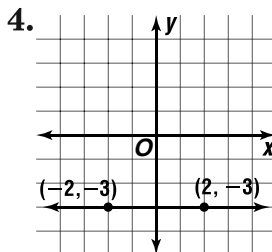
Find the slope of each line.

 $\frac{1}{4}$ 

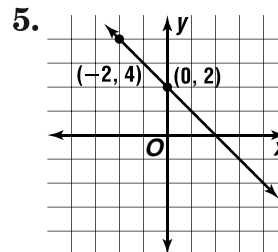
-2



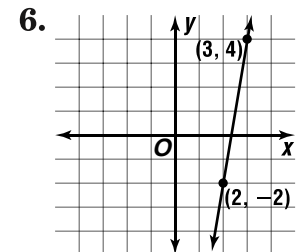
undefined



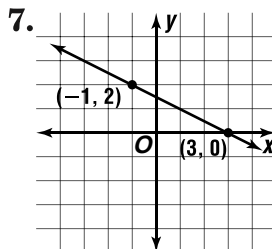
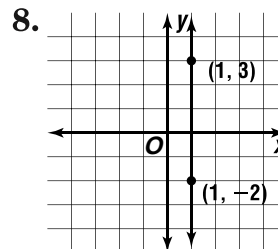
0



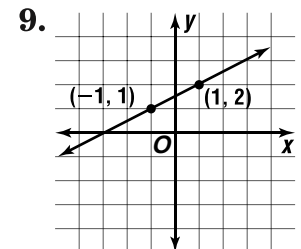
-1



6

 $-\frac{1}{2}$ 

undefined

 $\frac{1}{2}$ Given each set of points, determine if \overline{AB} and \overline{CD} are parallel, perpendicular, or neither.10. $A(1, 1), B(-2, 3), C(4, -1), D(6, 2)$ perpendicular11. $A(0, 5), B(5, 0), C(3, 2), D(4, 1)$ parallel12. $A(-2, 3), B(4, 5), C(0, 3), D(1, 0)$ perpendicular13. $A(0, 0), B(4, 5), C(0, 3), D(5, -4)$ neither14. $A(-1, 1), B(3, -2), C(5, 0), D(3, -7)$ neither15. $A(2, -5), B(5, -2), C(-3, 1), D(-4, 0)$ parallel16. $A(2, -1), B(5, -3), C(-2, -2), D(3, 3)$ neither17. $A(3, 0), B(6, -3), C(4, 3), D(5, 4)$ perpendicular