

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

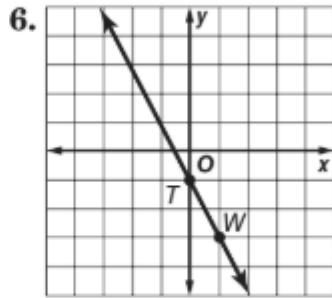
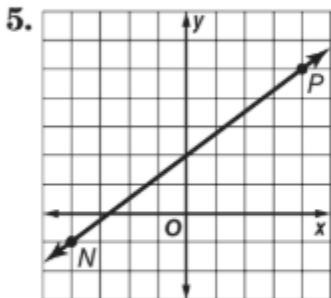
1.  $S(-1, 2), W(0, 4)$

2.  $G(-2, 5), H(1, -7)$

3.  $C(0, 1), D(3, 3)$

4.  $J(-5, -2), K(5, -4)$

**Find the slope of each line.**



**Determine whether  $\overleftrightarrow{AB}$  and  $\overleftrightarrow{MN}$  are parallel, perpendicular, or neither.**

7.  $A(0, 3), B(5, -7), M(-6, 7), N(-2, -1)$

8.  $A(-1, 4), B(2, -5), M(-3, 2), N(3, 0)$

9.  $A(-2, -7), B(4, 2), M(-2, 0), N(2, 6)$

10.  $A(-4, -8), B(4, -6), M(-3, 5), N(-1, -3)$

**Determine whether  $\overleftrightarrow{KM}$  and  $\overleftrightarrow{ST}$  are parallel, perpendicular, or neither.**

11.  $K(-1, -8), M(1, 6), S(-2, -6), T(2, 10)$     12.  $K(-5, -2), M(5, 4), S(-3, 6), T(3, -4)$

13.  $K(-4, 10), M(2, -8), S(1, 2), T(4, -7)$     14.  $K(-3, -7), M(3, -3), S(0, 4), T(6, -5)$