

**Quiz 19** .....

1. Write an equation of a line that is vertical and passes through (3, 4).

2. Write an equation of a line that is horizontal and has a  $y$ -intercept of  $-2$ .

Determine if the lines are parallel, perpendicular, or neither.

3.  $y = 5x + 4$   
 $x + 5y = 2$

4.  $3x + 4y = 0$   
 $y = -3x + 4$

5.  $2x + 3y = 3$   
 $4x + 6y = -4$