**3.1 Linear Functions Practice**

Write the equation for the indicated line. Start with point-slope, but your final equation should be in slope-intercept.

1. Write the equation for a line with a slope of 3 and passes through the point ( -2, 6)
2. Write the equation for a line that passes through the points ( -4, -2) and ( -5, 3)

**Write an equation in slope intercept form that is parallel to the following equations and passes through the point given.**

1. ; (5, -1) 4. ; (1, 7)

**Write an equation in slope intercept form that is perpendicular to the following equations and passes through the point given.**

1. ; (-2, 5) 6. ; (-9, 0)

Determine which lines, if any, are parallel or perpendicular.

1. A. 8. A.

B. B.

C. C.

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