

Parallel and Perpendicular Lines Bell Work

Write an equation in slope-intercept form of the line that passes through the given point and is parallel to the graph of the given equation.

1) $(1, 3); y = -4x + 3$

2) $(-2, -5); y = \frac{1}{2}x + 3$

Write an equation in slope-intercept form of the line that passes through the given point and is perpendicular to the graph of the given equation

3) $(2, 1); y = -2x + 1$

4) $(0, 1); y = \frac{3}{5}x + 3$