

Write the slope-intercept form of an equation that meets the criteria.

- 1) Parallel to: $7x - y = -1$
Passes through: $(-1, -2)$

- 4) Parallel to: $y = 3$
Passes through: $(-3, -3)$

- 2) Perpendicular to: $9x + 7y = 0$
Passes through: $(5, 3)$

- 5) Perpendicular to: $x = 0$
Passes through: $(-1, 0)$

- 3) Parallel to: $x - y = -3$
Passes through: $(3, 3)$

- 6) Perpendicular to: $x + 7y = 4$
Passes through: $(-1, -3)$

Parallel and Perpendicular Lines #2

Name: _____

- 7) Parallel to: $4y = 7x$
Passes through: $(4, 5)$

- 10) Perpendicular to: $2x + 3y = -4$
Passes through: $(0, 0)$

- 8) Perpendicular to: $y = -3$
Passes through: $(0, -4)$

- 11) Parallel to: $x = 0$
Passes through: $(-2, 5)$

- 9) Parallel to: $2x + 5y = 0$
Passes through: $(3, -5)$

- 12) Perpendicular to: $2y = 3x - 4$
Passes through: $(3, -4)$