



Problem Solver



Identify which lines are parallel.

$$y - 1 = -(x + 7); \quad y = -x; \quad x + y = 3; \quad y = 3x$$

Identify which lines are perpendicular.

$$y = \frac{1}{2}x + 2; \quad y + 1 = -2x; \quad y = \frac{1}{2}; \quad 2x - y = 1$$