



Equation	Table
1. Find slope (m= 1/2-1/2) m= -3 - 1	
$m = \frac{-3}{-12} = \frac{1}{4}$ 2. Use point-slope form $u + \overline{u} = \overline{u} = \overline{x}$	
y+2= 1/(x-4) Graph	Words
y=4x-3	A linear graph that
	goes through (-8, -5) and (4, -2)
	X ₁ y ₁

Parallel Lines have same slope

Perpendicular Lines
have opposite reciprocal slope

Equation Slope $-2 \rightarrow (4 - 4)$ Point $(4 - 6)$ $y - 6 = \frac{1}{2}(x - 4)$ $y = \frac{1}{2}x + 4$	Table
Graphs (plural)	Words A linear equation that is perpendicular to $y = -2x + 5$ and goes through (4,6)