

$$y = kx + b$$

$$\begin{aligned} 1) \quad & 5x + 4y = 12 \\ & 4y = -5x + 12 \\ & y = -\frac{5}{4}x + 3 \\ & \mathbf{k} = -\frac{5}{4} \\ & \mathbf{b} = 12 \end{aligned}$$

$$\begin{aligned} 2) \quad & 20x + 16y = 0 \\ & 16y = -20x \\ & y = -\frac{5}{4}x \end{aligned}$$

$$\begin{aligned} \mathbf{k} &= \frac{5}{4} \\ \mathbf{b} &= 0 \end{aligned}$$

The two lines are neither parallel nor perpendicular