

$$y = mx + B$$
$$-2 = \frac{1}{2} \cdot 6 + B$$

$$\begin{array}{r} -2 = 3 + B \\ -3 \quad -3 \\ \hline \end{array}$$

$$-5 = B$$

$$y = \frac{1}{2}x - 5$$

$$m = 3 \quad \text{((2, 1))}$$

x y

$$\begin{array}{r} 1 = 3 \cdot 2 + B \\ -6 \quad -6 \\ \hline -5 = B \end{array}$$

$$y = 3x - 5$$

$$m = \frac{1}{2} \quad (-4, 3)$$

$$3 = \frac{1}{2} \cdot -4 + B \quad y = \frac{1}{2}x + S$$

$$\begin{array}{r} 3 = -2 + B \\ +2 \quad +2 \end{array}$$

$$5 = B$$

$$m = \frac{3}{2} \quad y = \frac{3}{2}x + 2$$

$$(2, 5)$$

$$(4, 8)$$

$$\frac{8-5}{4-2} = \frac{3}{2}$$

$$\frac{5-8}{2-4} = \frac{-3}{-2}$$

$$5 = \frac{3}{2} \cdot 2 + B$$

$$5 = 3 + B \quad B = 2$$

$$8 = \frac{3}{2} \cdot 4 + B$$

$$8 = 6 + B$$

$$2 = B$$