

27 Ако правата $y = kx + b$ минува низ точките $M(-1, 2)$ и $P(-2, -3)$,

тогаш $k =$ 5 и $b =$ 7.

$$\frac{y - y_1}{y_2 - y_1} = \frac{x - x_1}{x_2 - x_1}$$

$$\frac{y - 2}{-3 - 2} = \frac{x - (-1)}{-2 - (-1)}$$

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

$$-1 \cdot (y - 2) = -5 \cdot (x + 1)$$

$$y - 2 = 5x + 5$$

$$y = 5x + 7$$