

Zad. 1

a)  $y \in \{-2, 0\}$

$-2 \text{ i } 0$

b)  $y = 0$

c)  $x = 2k, k \in \mathbb{C}$

Zad. 2

$a = -2$

$y = -2x + b$

$A = (0, 2)$

$2 = -2 \cdot 0 + b$

$b = 2$

$y = -2x + 2$

$0 = -2x + 2 \quad | -2$   
 $-2 = -2x \quad | (-2)$   
 $1 = x$

-2.3

$$y = 5x + 2$$

$$a) 0 = 5x + 2 \quad | -2$$

$$-2 = 5x \quad | :5$$

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

$$-0,4 = x$$

$$x = -0,4$$

$$b) y = 5 \cdot 0 + 2$$

$$y = 2 \quad P = (0, 2)$$

$$c) x = -2$$

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

$$y = -10 + 2 = -8$$

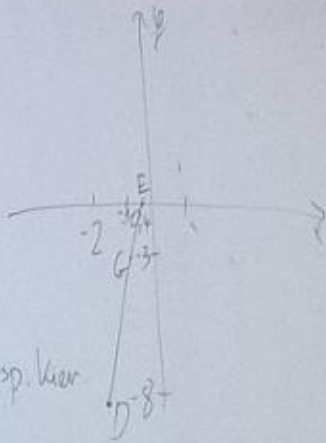
$$y = -8$$

$$-3 = 5x + 2 \quad | -2$$

$$-5 = 5x \quad | :5$$

$$-1 = x$$

$$x = -1$$



Jest rosnąca gdyż wsp. kier.

$a = 5$  jest dodatni.