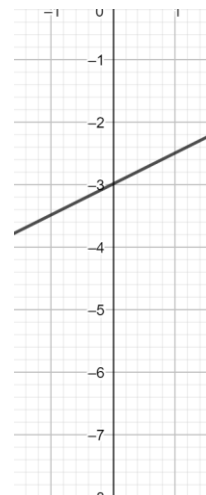


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Opgave 216

Ligning a

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



Ligning b

$$x = -3$$

$$y = 0$$

$$a = 2$$

$$y = ax + b \quad \text{Formel for ligning}$$

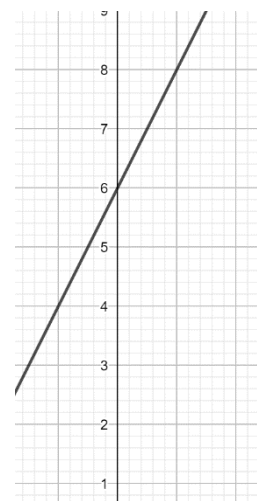
$$0 = 2 \cdot (-3) + b \quad \text{Indsæt tal}$$

$$0 = -6 + b \quad \text{Reducer}$$

$$6 = b \quad \text{Flyt -6}$$

$$b = 6 \quad \text{Bytte rundt}$$

$$y = 2x + 6$$



Ligning c

$$x = 16$$

$$y = 5$$

$$a = -\frac{1}{4}$$

$$y = ax + b \quad \text{formel for ligning}$$

$$5 = -\frac{1}{4}16 + b \quad \text{Indsæt tal}$$

$$5 + \frac{1}{4}16 = b \quad \text{flyt ting}$$

$$b = 5 + \frac{1}{4}16 \quad \text{Bytte sider}$$

$$b = 9 \quad \text{Udregn}$$

$$y = -\frac{1}{4}x + 9$$

