

1)

$$\frac{1}{5}n = 6 = 9$$

$$\frac{1}{5}n = 15$$

$$n = 15 \cdot 5$$

$$n = 75$$

2)

$$-88 = 6a - 22$$

$$22 - 88 = 6a$$

$$-66 = 6a$$

$$\frac{-66}{6} = a$$

$$-11 = a$$

$$1) -0.1 = 55 + 13$$

$$-13 - 0.1 = 55$$

$$-13.1 = 55$$

$$\frac{-13.1}{65} = p$$

$$-0.203 = p$$

$$4) \frac{3}{4}x - \frac{1}{5} = \frac{3}{10} + \frac{1}{4}x$$

$$\frac{3}{4}x - \frac{1}{4}x = \frac{3}{10} + \frac{1}{5}$$

$$0.75x - 0.25x = 0.3 + 0.2$$

$$0.5x = 0.5$$

$$x = \frac{0.5}{0.5}$$

$$x = 1$$

$$3) \quad -0.2 = 65p + 13$$

$$-13 - 0.2 = 65p$$

$$-13.2 = 65p$$

$$\frac{-13.2}{65} = p$$

$$-0.203 = p$$

4

$$\frac{3}{4}x - \frac{1}{5} = \frac{3}{10} + \frac{1}{4}x$$

$$\frac{3}{4}x - \frac{1}{4}x = \frac{3}{10} + \frac{1}{5}$$

$$0.75x - 0.25x = 0.3 + 0.2$$

$$0.5x = 0.5$$

$$x = \frac{0.5}{0.5}$$

$$x = 1$$

5

Datos

Largo: $4x$

Ancho: $x+4$

Perímetro: 48 cm

Solución

$$48 = 2(4x) + 2(x+4)$$

$$48 = 8x + 2x + 8$$

$$40 = 10x$$

$$40/10 = x$$

$$4 = x$$

$$\text{Largo} = 16\text{ cm}$$

$$\text{Ancho} = 8\text{ cm}$$

7

$$3x + 7 = 5(x + 1)$$

$$3x + 7 = 5x + 5$$

$$3x - 5x = 5 - 7$$

$$-2x = -2$$

$$x = 1$$

x

y

-6

-5

-5

-9

-3.5

-11.25

-3

-11

-2

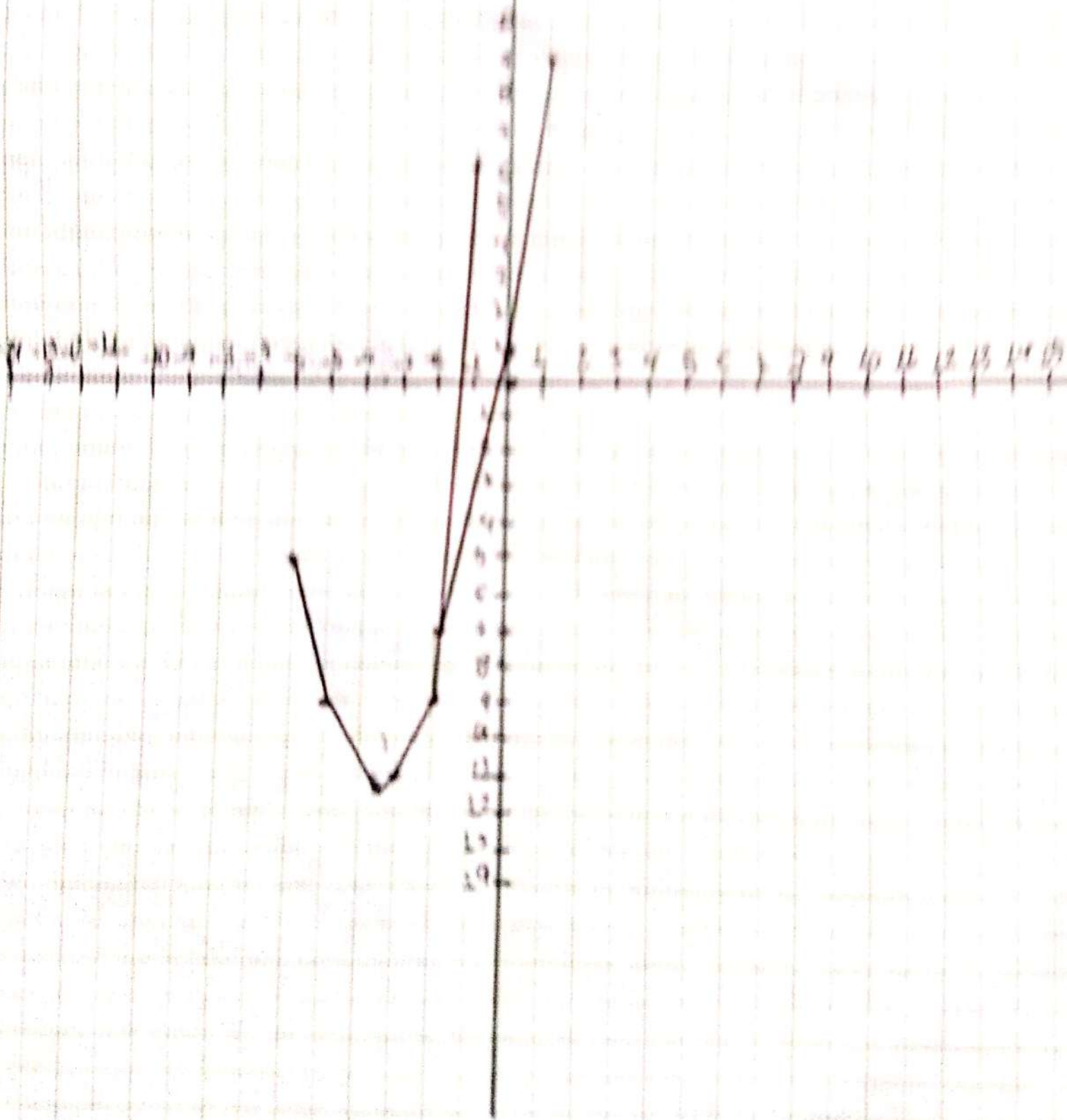
-9

-1

-7

0

1



$$9 \quad x = \frac{-(-1) \pm \sqrt{1 - 4 \cdot 3(-2)}}{2 \cdot 3}$$

$$x = \frac{-(-1) \pm \sqrt{1 - 12(-2)}}{6}$$

$$x = \frac{1 \pm \sqrt{25}}{6}$$

$$x = \frac{1 \pm 5}{6}$$

$$-\frac{1}{3} = -0.\overline{3}$$

$$10x - 2$$

16

$$3x + 3x + 2x - 1 + 2x - 1$$

$$10x - 2$$



$$P = 10x - 2$$