

104

1

a $x+2$

b $4x$

c $2x+8$

d $3x-5$

e $3(x+6)$

f $x+x+1+x+1$

2

a Un número, aumentado en 3

b El cuádruple de un número, disminuido en 5

c La segunda parte de un número, disminuido en 9

3

$$9x - 2 = 4 - 2$$

$$9x = 4 - 2 + 2$$

$$9x = 4$$

$$x = 4 : 9$$

$$b \quad 2x + x = 9$$

$$3x = 9$$

$$x = 9 \div 3$$

$$x = 3$$

$$c \quad 6(x+1) - 4x = 5x - 9$$

$$6x + 6 - 4x = 5x - 9$$

$$6x - 4x + 6 = 5x - 9$$

$$2x + 6 = 5x - 9$$

$$6 + 9 = 5x - 2x$$

$$15 = 3x$$

$$15 \div 3 = x$$

$$5 = x$$

1

$$2x - 28 = 60$$

$$2x = 60 + 28$$

$$2x = 88$$

$$x = 88 \div 2$$

$$x = 44$$

2

$$2x + 6 = 36$$

$$2x = 36 - 6$$

$$2x = 30$$

$$x = 30 \div 2$$

$$x = 15$$

3

$$x + 28 = 3(x + 28)$$

$$x + 28 = 3x + 84$$

$$3x - x = 84 - 28$$

$$2x = 56$$

$$x = 56 \div 2$$

$$x = 28$$

Nivel 2

$$x + x + 1 + x + 2 = 25$$

$$3x = 25 - 3$$

$$3x = 22$$

$$x = 22 \div 3$$

Asume el rol

$$\text{Mayor: } 2(x+7)$$

$$\text{Mayor: } 24, 2, 48$$

$$\text{Mediano: } x+7$$

$$\text{Mediano: } 17+7, 24$$

$$\text{Pequeño: } x$$

$$\text{Pequeño: } 17$$

$$2(x+7) + x + 7 + x = 89$$

$$2x + 14 + x + 7 + x = 89$$

$$4x + 21 = 89$$

$$4x + 21 = 89$$

$$4x = 89 - 21$$

$$4x = 68$$

$$x = 68 : 4$$

$$x = 17$$