

# Tarea

$$a) 4x + 33 = 27$$

$$4x = 27 - 33$$

$$4x = \frac{12}{4}$$

$$x = -3$$

Prueba

$$4(-3) = -12$$

$$-12 = -12$$

$$b) 3x + 75 = 15$$

$$3x = 15 - 75$$

$$3x = \frac{-60}{3}$$

$$x = -20$$

Prueba

$$3(-20) = -60$$

$$-60 = -60$$

$$c) \frac{x}{5} + 35 = 125$$

$$\frac{x}{5} = 125 - 35$$

$$\frac{x}{5} = 90$$

$$x = 90 \times 5$$

$$x = 450$$

Prueba

$$\frac{450}{5} = 90$$

$$90 = 90$$

$$d) 5t + 5 = 95$$

$$5t = 95 - 5$$

$$5t = \frac{90}{5}$$

$$t = -18$$

Prueba

$$5(-18) = -90$$

$$-90 = -90$$

$$e) 8x - 136 = 64$$

$$8x = 64 - 136$$

$$8x = \frac{-72}{8}$$

$$x = -9$$

prueba

$$8(-9) = -72$$

$$-72 = -72$$

$$f) \frac{x}{2} + 14 = 72$$

$$\frac{x}{2} = 72 - 14$$

$$\frac{x}{2} = 58$$

$$x = 58 \times 2$$

$$x = -116$$

prueba

$$\frac{-116}{2} = -58$$

$$-58 = -58$$

$$g) 8y - 15 = 65$$

$$8y = 65 - 15$$

$$8y = \frac{50}{8}$$

$$y = -6.25$$

Prueba

$$8(-6.25) = -50$$

$$-50 = -50$$

$$h) 3w - 12 = 36$$

$$3w = 36 - 12$$

$$3w = \frac{24}{3}$$

$$w = -8$$

Prueba

$$3(-8) = -24$$

$$-24 = -24$$

$$i) \frac{x}{3} + 15 = 75$$

$$x = 75 - 15$$

$$3 = 180 - 60$$

$$\frac{x}{3} = 60$$

$$x = 60 \times 3$$

$$x = 180$$

Prueba

$$\frac{180}{3} = 60$$

$$60 + 15 = 75$$

$$\begin{aligned} \text{j)} \quad 2x - 4 &= 16 \\ 2x &= 16 - 4 \\ 2x &= \frac{12}{2} \\ x &= -6 \end{aligned}$$

Prüfung

$$\begin{aligned} 2(-6) &= -12 \\ -12 &= -12 \end{aligned}$$

$$\begin{aligned} \text{k)} \quad 5z - 200 &= 245 \\ 5z &= 245 - 200 \\ 5z &= \frac{45}{5} \\ z &= -9 \end{aligned}$$

Prüfung

$$\begin{aligned} 5(-9) &= -45 \\ -45 &= -45 \end{aligned}$$

$$\text{l)} \quad \frac{x}{4} + 20 = 84$$

$$\frac{x}{4} = 84 - 20$$

$$\frac{x}{4} = 64$$

$$x = 64 \times 4$$

$$x = -256$$

Prüfung

$$\begin{aligned} \frac{-256}{4} &= -64 \\ -64 &= -64 \end{aligned}$$

$$m) 2x - 4 = 36$$

$$2x = 36 - 4$$

$$2x = \underline{32}$$

$$x = -16$$

пробка

$$2(-16) = -32$$

$$-32 = -32$$

$$n) 15z - 200 = 845$$

$$15z = 845 - 200$$

$$15z = \underline{645}$$

$$z = -43$$

пробка

$$15(-43) = -645$$

$$-645 = -645$$

$$o) \frac{x}{5} + 25 = 115$$

$$\frac{x}{5}$$

$$\frac{x}{5} = 115 - 25$$

$$\frac{x}{5}$$

$$\frac{x}{5} = 90$$

$$\frac{x}{5}$$

$$x = 90 \times 5$$

$$x = -450$$

пробка

$$\frac{-450}{5} = -90$$

$$-90 = -90$$