

IPRAM

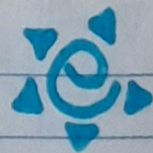
Alumno: Kevin Rabanales Hernández

Profesora: Sandra Díaz

Curso: Matemáticas

Grado: 4to Perito en Administración de Empresas

Tarea 8



Kevin Rabanales / 4.º
Admon

Tarea 8

Encuentra los valores:

$$\begin{aligned} \text{a) } 4x + 33 &= 21 \\ 4x &= 21 - 33 \\ 4x &= -12 \\ x &= \frac{-12}{4} \end{aligned}$$

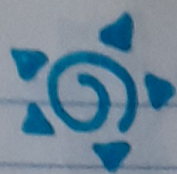
$$x = -3$$

$$\begin{aligned} \text{b) } 3x + 75 &= 15 \\ 3x &= 15 - 75 \\ 3x &= -60 \\ x &= \frac{-60}{3} \end{aligned}$$

$$x = -20$$

$$\begin{aligned} \text{Prueba} &= 4(-3) = -12 \\ -12 &= -12 \end{aligned}$$

$$\begin{aligned} \text{Prueba} &= 3(-20) = -60 \\ -60 &= -60 \end{aligned}$$



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

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

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

$$x = 90 \times 5$$

$$x = 450$$

$$\text{Prueba } \frac{(450)}{5} = 90$$

$$90 = 90$$

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

$$8x = 64 + 136$$

$$8x = 200$$

$$x = \frac{200}{8}$$

$$x = 25$$

$$\text{Prueba } 8(25) = 200$$

$$200 = 200$$

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

$$5t = 95 - 5$$

$$5t = 90$$

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

$$t = 18$$

$$\text{Prueba } 5(18) = 90$$

$$90 = 90$$

f)

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

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

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

$$x = 58 \times 2$$

$$x = 116$$

$$\text{Prueba} = \frac{(116)}{2} = 58$$

$$58 = 58$$

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

$$3w = 36 + 12$$

$$3w = 48$$

$$w = \frac{48}{3}$$

$$w = 16$$

$$\text{Prueba} = 3(16) = 48$$
$$48 = 48$$

$$g) 8y - 15 = 65$$
$$8y = 65 + 15$$
$$8y = 80$$
$$y = \frac{80}{8}$$

$$y = 10$$

$$\text{Prueba } 8(10) = 80$$
$$80 = 80$$

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

$$\frac{x}{3} = 75 - 15$$

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

$$x = 60 \times 3$$

$$x = 180$$

$$\text{Prueba} = \frac{(180)}{3} = 60$$

$$60 = 60$$

j) $2x - 4 = 16$

$$2x = 16 + 4$$

$$2x = 20$$

$$x = \frac{20}{2}$$

$$x = 10$$

$$\text{Prueba} = 2(10) = 20$$
$$20 = 20$$

k) $5z - 200 = 245$

$$5z = 245 + 200$$

$$5z = 445$$

$$z = \frac{445}{5}$$

$$z = 89$$

$$\text{Prueba} = 5(89) = 445$$
$$445 = 445$$

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

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

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

$$x = 64 \times 4$$

$$x = 256$$

$$\text{Prueba} = \frac{(256)}{4} = 64$$

$$64 = 64$$

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

$$15z = 845 + 200$$

$$15z = 1,045$$

$$z = \frac{1,045}{15}$$

$$z = 69.67$$

$$\text{Prueba} = 15(69.67) = 1,045$$

$$1,045 = 1,045$$

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

$$2x = 36 + 4$$

$$2x = 40$$

$$x = \frac{40}{2}$$

$$x = 20$$

$$\text{Prueba} = 2(20) = 40$$

$$40 = 40$$

$$o) x/5 + 25 = 115$$

$$x/5 = 115 - 25$$

$$x/5 = 90$$

$$x = 90 \times 5$$

$$x = 450$$

$$\text{Prueba} = 450/5 = 90$$

$$90 = 90$$