

Pamela Vásquez / 4ta. Bilingüe / Semana NO.8 / 31/08/21

### Ejercicio: encuentra los valores

$$\textcircled{1} 4x + 33 = 21$$

$$4x = 21 - 33$$

$$4x = -12$$

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

$$x = -3$$

$$\text{Prueba: } 4(-3) = -12$$

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

$$-12 = -12$$

Igualdad

$$\textcircled{2} 3x + 75 = 15$$

$$3x = 15 - 75$$

$$3x = -60$$

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

$$x = -20$$

$$\text{Prueba: } 3(-20) = -60$$

$$-60 = -60$$

Igualdad

$$\textcircled{3} 5t + 5 = 95$$

$$5t = 95 - 5$$

$$5t = 90$$

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

$$t = 18$$

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

$$90 = 90$$

Igualdad

$$\textcircled{4} 8x - 136 = 64$$

$$8x = 64 + 136$$

$$8x = 200$$

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

$$x = 25$$

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

$$200 = 200$$

Igualdad

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$$\begin{aligned} 5) \quad 8y - 15 &= 65 \\ 8y - 65 &+ 15 \\ 8y &= 80 \\ y &= \frac{80}{8} \\ y &= 10 \end{aligned}$$

Prueba:  $8(10) = 80$   
 $80 = 80$   
Igualdad

$$\begin{aligned} 6) \quad 3w - 12 &= 36 \\ 3w &= 36 + 12 \\ 3w &= 48 \\ w &= \frac{48}{3} \\ w &= 16 \end{aligned}$$

Prueba:  $3(16) = 48$   
 $48 = 48$   
Igualdad

$$\begin{aligned} 7) \quad 2x - 4 &= 16 \\ 2x &= 16 + 4 \\ 2x &= 20 \\ x &= \frac{20}{2} \\ x &= 10 \end{aligned}$$

Prueba:  $2(10) = 20$   
 $20 = 20$   
Igualdad

$$\begin{aligned} 8) \quad 5z - 200 &= 245 \\ 5z &= 245 + 200 \\ 5z &= 445 \\ z &= \frac{445}{5} \\ z &= 89 \end{aligned}$$

Prueba:  $5(89) = 445$   
 $445 = 445$   
Igualdad

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9)  $2x - 4 = 36$

$$2x = 36 + 4$$

$$2x = 40$$

$$x = 40$$

$$2$$

$$x = 20$$

Prueba

$$2(20) = 40$$

$$40 = 40$$

Igualdad

10)  $15z - 200 = 845$

$$15z = 845 + 200$$

$$15z = 1,045$$

$$z = 1,045$$

$$15$$

$$z = 69,67$$

Prueba

$$15(69,67) = 1,045$$

$$1,045 = 1,045$$

Igualdad

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

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

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

$$x = 90 \times 5$$

$$x = 450$$

prueba

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

$$90 = 90$$

Igualdad

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

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

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

$$x = 58 \times 2$$

$$x = 116$$

Prueba

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

$$58 = 58$$

Igualdad

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$$\begin{aligned} \textcircled{13} \quad \frac{x}{3} + 15 &= 75 \\ \frac{x}{3} &= 75 - 15 \\ \frac{x}{3} &= 60 \\ x &= 60 \times 3 \\ x &= 180 \end{aligned}$$

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

$$\begin{aligned} \textcircled{14} \quad \frac{x}{4} + 20 &= 84 \\ \frac{x}{4} &= 84 - 20 \\ \frac{x}{4} &= 64 \\ x &= 64 \times 4 \\ x &= 256 \end{aligned}$$

Prueba  $\frac{256}{4} = 64$   
 $64 = 64$   
Igualdad

$$\begin{aligned} \textcircled{15} \quad \frac{x}{5} + 25 &= 115 \\ \frac{x}{5} &= 115 - 25 \\ \frac{x}{5} &= 90 \\ x &= 90 \times 5 \\ x &= 450 \end{aligned}$$

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