

Naydelin Luna 4to juridico mate semana 26

Semana 26 Encuentra los valores.

4to. Jurídico
Naydelin Luna

A) $4x + 33 = 21$

$$4x + 33 = 21$$

$$4x - 21 = -33$$

$$4x = -12$$

$$x = -12$$

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

$$x = -3$$

Prueba:

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

$$-12 = -12$$

B) $3x + 75 = 15$

$$3x + 75 = 15$$

$$3x = 15 - 75$$

$$3x = -60$$

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

$$x = -20$$

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

$$3(-20) + 75 = 15$$

$$-60 + 75 = 15$$

$$15 = 15$$

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

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

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

$$x = (90)(5)$$

$$x = 450$$

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

$$90 = 90$$

$$D) 5t + 5 = 95$$

$$5t + 5 = 95$$

$$5t = 95 - 5$$

$$5t = 90$$

$$t = 90 / 5 = 18$$

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

$$90 = 90$$

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

$$\text{Prueba: } 8(9) = -72$$

$$-72 = -72$$

$$8x - 136 = 64$$

$$8x = 64 - 136$$

$$8x = -72$$

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

$$x = -9$$

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

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

$$\text{Prueba: } \frac{116}{2} = 58$$

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

$$x = (58)(2)$$

$$58 = 58$$

$$x = 116$$

$$6) 84 - 15 = 65$$

$$84 - 15 = 65$$

$$84 = 65 + 15$$

$$84 = 80$$

$$x = \frac{80}{8}$$

$$x = 10$$

Prueba:

$$8(10) = 80$$

$$80 = 80$$

$$11) 3w - 12 = 36$$

$$3w - 12 = 36$$

$$3w = 36 + 12$$

$$3w = 48$$

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

$$x = 16$$

Prueba:

$$3(16) = 48$$

$$48 = 48$$

$$1) \frac{x}{3} + 15 = 75$$

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

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

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

$$x = (60)(3)$$

$$x = 180$$

$$\text{Prueba: } \frac{180}{3} = 60$$

$$60 = 60$$

$$\begin{aligned}
 J) \quad 2x - 4 &= 16 \\
 2x - 4 &= 16 \\
 2x &= 16 + 4 \\
 2x &= 20 \\
 x &= 20 / 2
 \end{aligned}$$

$$\begin{aligned}
 \text{Prueba: } 2(10) &= 20 \\
 20 &= 20
 \end{aligned}$$

$$x = 10$$

$$\begin{aligned}
 I) \quad 5z - 200 &= 45 \\
 5z &= 45 + 200 \\
 5z &= 245 = \\
 z &= 245 / 5
 \end{aligned}$$

$$x = 49$$

$$\begin{aligned}
 \text{Prueba: } 5(49) &= 245 \\
 245 &= 245
 \end{aligned}$$

$$1) \frac{x}{4} + 20 = 84$$

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

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

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

$$x = (64) \cdot 4$$

$$x = 256$$

$$\begin{aligned}
 \text{Prueba: } \frac{256}{4} &= 64 \\
 64 &= 64
 \end{aligned}$$

$$64 = 64$$

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

$$2x - 4 = 36$$

$$2x = 36 + 4$$

$$2x = 40 / 2 = 20$$

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

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

$$15z = -200 + 845$$

$$15z = 845 + 200$$

$$15z = 1045 / 15 = 69.66$$

$$\text{Prueba: } 15(69.66) = \\ 1044.9 = 1045$$

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

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

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

$$x = 90 \cdot 5$$

$$x = 450$$

$$\text{Prueba: } 450 = 90 \cdot 5$$

$$450 = 450$$