

Indicaciones:

Encuentre los valores.

a) $4x + 33 = 21$
 $4x = 21 - 33$
 $4x = -12$
 $x = 4 / -12$
 $x = -3$

d) $5t + 5 = 95$
 $5t + 5 = 95$
 $5t + 5 = 95$
 $5t = 95 - 5$
 $5t = 90$
 $t = 90 / 5$
 $t = 18$

b) $3x + 75 = 15$
 $3x + 75 = 15$
 $3x = 15 - 75$
 $3x = -60$
 $x = -60 / 3$
 $x = -20$

e) $8x - 136 = 64$
 $8x = 64 + 136$
 $8x = 200$
 $x = 200 / 8$
 $x = 25$

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

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

$5 \left(\frac{x}{5} + 35 = 125 \right)$

$2 \left(\frac{x}{2} + 14 = 72 \right)$

$5x + 175 = 625$

$2x + 28 = 144$

$2x = 144 - 28$

$2x = 116$

$x = 116 / 2$

$x = 58$

$5x = 625 - 175$

$5x = 450$

$x = 450 / 5$

$x = 90$

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

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

$$\begin{aligned}
 i) \quad \frac{x}{3} + 15 &= 75 \\
 \frac{x}{3} &= 75 - 15 \\
 \frac{x}{3} &= 60 \\
 x &= (60)(3) \\
 x &= 180
 \end{aligned}$$

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

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

$$\begin{aligned}
 l) \quad \frac{x}{4} + 20 &= 84 \\
 \frac{x}{4} &= 84 - 20 \\
 \frac{x}{4} &= 64 \\
 x &= 256
 \end{aligned}$$

$$\begin{aligned}
 m) \quad 2x - 4 &= 36 \\
 2x &= 36 + 4 \\
 2x &= 40 \\
 x &= 40/2 \\
 x &= 20
 \end{aligned}$$

$$\begin{aligned}
 n) \quad 15z - 200 &= 845 \\
 15z &= 845 + 200 \\
 15z &= 1,045 \\
 z &= 1,045/15 \\
 z &= 69.67
 \end{aligned}$$

o)

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

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

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

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

$$x = 450$$