Ecuación De Primer Grado Con Una Incognita.

① $4x + 33 = 21$

$4x = 21 - 33$

$4x = -12$

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

$\boxed{x = -3}$

Prueba $= 4(-3) = 21 - 33$

$-12 = -12$

② $3x + 15 = 15$

$3x = 15 - 75$

$3x = -60$

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

$\boxed{x = -20}$

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

$-60 = -60$

ⓒ $\frac{x}{5} + 35 = 125$

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

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

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

$x = 450$

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

ⓓ $5t + 5 = 95$

$5t + 95 = 5$

$5t = 90$

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

$t = 18$

Prueba $= 5(18) = 95 - 5$

$90 = 90$

ⓔ $8x - 136 = 64$

$8x + 64 = 136$

$8x = 200$

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

$x = 25$

Prueba $= 8(25) = 64 + 136$

$200 = 200$

Ⓕ $8y - 15 = 65$

$8y = 65 - 15$

$8y = 50$

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

$X = 6.25$

Prueba $= 8(6.25) = 65 - 15$

$50 = 50$

Ⓖ $= 3w - 12 = 36$

$3w = 36 + 12$

$3w = 48$

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

$X = 16$

Prueba $= 3(16) = 36 + 12$

$48 = 48$

Ⓗ $2x - 4 = 16$

$2x = 16 + 4$

$2x = 20$

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

$x = 10$

Prueba $= 2(10) = 16 + 4$

$20 = 20$

① $5z - 200 = 245$

$5z = 245 + 200$

$5z = 445$

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

$x = 89$

Prueba $= 5(89) = 245 + 200$

445

Ⓙ $2x - 4 = 36$

$2x = 36 + 4$

$2x = 40$

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

$x = 20$

Prueba $= 2(20) = 36 + 4$

$40 = 40$

Ⓚ $15z - 200 = 845$

$15z = 845 + 200$

$15z = 1,045$

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

$x = 69.7$

Prueba $= 15(69.7) = 845 + 200$

$1045 = 1045$

① $5z - 200 = 245$

$5z = 245 + 200$

$5z = 445$

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

$x = 89$

Prueba $= 5(89) = 245 + 200$

445

(J) $2x - 4 = 36$

$2x = 36 + 4$

$2x = 40$

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

$x = 20$

Prueba $= 2(20) = 36 + 4$

$40 = 40$

(K) $15z - 200 = 845$

$15z = 845 + 200$

$15z = 1,045$

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

$X = 69.7$

Prueba $= 15(69.7) = 845 + 200$

$1045 = 1045$

Ⓛ $\frac{X}{2} + 14 = 72$

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

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

$\frac{X}{2} = 58 \times 2$

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

Prueba = 116/2 = 58

Ⓜ $\frac{X}{3} + 15 = 75$

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

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

$\frac{X}{3} = 60 \times 3$

$X = 180$

Prueba = 180/3 = 60

Ⓝ $\frac{X}{4} + 20 = 84$

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

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

$\frac{X}{4} = 64 \times 4$

$X = 256$

Prueba = 256/4 = 64

⊙ = $\frac{X}{5} + 25 = 115$

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

$\frac{X}{5} \times 5 = 90 \times 5$

$X = 450$

Prueba = 450/5 = 90