

$$A) 4x + 33 = 21$$

$$4x = 21 - 33$$

$$4x = -12$$

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

$$x = -3$$

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

$$B) 3x + 75 = 15$$

$$3x = 15 - 75$$

$$3x = -60$$

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

$$x = -20$$

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

Julia
Gutiérrez.

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

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

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

$$x = -90 \times 5$$

$$x = -450$$

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

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

$$5t = 95 - 5$$

$$5t = -90$$

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

$$t = -18$$

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

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

$$8x = 64 - 136$$

$$8x = -72$$

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

$$x = -9$$

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

Julia

Gutiérrez

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

$$\frac{x}{2}$$

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

$$\frac{x}{2}$$

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

$$\frac{x}{2}$$

$$x = -58 \times 2$$

$$x = -116$$

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

$$G) 8y - 15 = 65$$

$$8y = 65 + 15$$

$$8y = -50$$

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

$$y = -6.25$$

$$\text{Prueba: } 8(-6.25) = -50$$

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

$$3w = 36 + 12$$

$$3w = -24$$

$$w = \frac{-24}{3}$$

$$w = -8$$

$$\text{Prueba: } 3(-8) = -24$$

Gabriela
Julia

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

$$\frac{x}{3}$$

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

$$\frac{x}{3}$$

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

$$\frac{x}{3}$$

$$x = -60 \times 3$$

$$x = -180$$

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

$$j) 2x - 4 = 16$$

$$2x = 16 + 4$$

$$2x = 20$$

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

$$x = 10$$

$$x = 10$$

$$\text{Prueba: } 2(-6) = 12$$

$$h) 5z - 200 = 245$$

$$5z = 245 + 200$$

$$5z = 445$$

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

$$z = 89$$

$$z = 89$$

$$\text{Prueba: } 5(-10) = -50$$

Gutierrez

Julia

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

$$\frac{x}{4}$$

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

$$\frac{x}{4}$$

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

$$\frac{x}{4}$$

$$x = 64 \times 4$$

$$x = 256$$

$$\text{Prueba: } \frac{256}{4} = 64$$

$$11) 2x - 4 = 36$$

$$2x = 36 + 4$$

$$2x = 40$$

$$x = 20$$

$$x = 20$$

$$x = 20$$

$$\text{Prueba: } 2(-16) = 32$$

$$12) 15z - 200 = 845$$

$$15z = 845 + 200$$

$$15z = 1045$$

$$z = 69.66$$

$$z = 69.66$$

$$z = 69.66$$

$$z = 69.66$$

$$\text{Prueba: } 15(-43) = 645$$

José

Gutiérrez.

$$13) x + 25 = 115$$

$$x = 115 - 25$$

$$x = 90$$

$$x = 90$$

$$x = 90$$

$$x = 90$$

$$x = 90$$

$$x = 90$$

$$x = 90$$

$$x = 90$$

$$x = 90$$

$$x = 90$$

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

$$5$$

$$x = 90 \times 5$$

$$x = 450$$