

$$2x^2b$$

$$2+3\ominus 6$$

$$2x+3=7$$

$$x+2x=3x$$

$$x + 2x = 3x$$

$\Rightarrow x = 2$  IDENTIDAD

$$2 + 2 \cdot 2 = 3 \cdot 2$$

$$\Rightarrow x = 4$$

$$2 + 4 = 6$$

$$\Rightarrow x = -1$$

$$6 = 6$$

$$-1 + 2 \cdot (-1) = 3 \cdot (-1)$$

$$4 + 2 \cdot 4 = 3 \cdot 4$$

$$-1 - 2 = -3$$

$$4 + 8 = 12$$

$$-3 = -3$$

$$12 = 12$$

$$2x + 3 = 7$$

$$2 \cdot 1 + 3 = 7$$
$$5 \neq 7$$

$$2 \cdot (-2) + 3 = 7$$
$$-4 + 3 = 7$$
$$-1 \neq 7$$

$$\Rightarrow x = 1$$

$$\Rightarrow x = -2$$

$$\Rightarrow x = 2$$

$$2 \cdot 2 + 3 = 7$$

$$4 + 3 = 7$$

$$7 = 7$$

ECUACIONES

$$3x - 2 = 4 - 5x$$

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$$3x$$

$$3x + 2x^2 - 7 = 4 - 2x$$

$$3x - 5 = 7 - 3x$$

$$-8 \neq 10$$

$$\cancel{2}x = 2$$

$$\Rightarrow x = -1$$

$$2x = 5$$

$$x + a = b$$

$$x + \underline{4} = 7$$

$$x = \square$$

$$x = 7 - 4$$

$$x = 3$$

$$ax = b$$

$$4x = 12$$

$$x = \frac{12}{4} = 3$$

$$x = 3$$

$$ax + b = c$$

$$5x - 7 = 3$$

$$5x = 3 + 7$$

$$5x = 10$$

$$x = \frac{10}{5}$$



$$ax + b = cx + d$$

$$3x + 4 = 5x - 8$$

$$3x - 5x = -8 - 4$$

$$-2x = -12$$

$$x = \frac{-12}{-2} = 6$$

$$x = 6$$

$$2x + 4 - 3x - 5 = 6x - 2 - 3x$$

$$2x - 3x - 6x + 3x = -2 - 4 + 5$$

$$-4x = -1$$

$$x = \frac{-1}{-4}$$