

Quiz 18 de Marzo

jueves, 18 de marzo de 2021

12:45 p. m.

$$\textcircled{1} \quad 4x + 3x = 24x - 204$$

$$7x = 24x - 204$$

$$7x - 24x = -204$$

$$-17x = -204$$

$$x = 204 / 17$$

$$x = 12$$

$$4(12) + 3(12) = 24(12) - 204$$

$$48 + 36 = 288 - 204$$

$$84 = 84$$

true

$$\textcircled{2} 9 - 2(x+4) - 10(25-x+4) = 5 - 3x - 4(x+1)$$

$$9 - 2x - 8 - 10(29-x) = 5 - 3x - 4x - 4$$

$$9 - 2x - 8 - 290 + 10x = 1 - 7x$$

$$-289 + 8x = 1 - 7x$$

$$8x + 7x = 1 + 289$$

$$15x = 290$$

$$x = 290/15 \quad \leftarrow \text{ss}$$

$$x = 58/3$$

$$x = 19.3$$

$$9 - 2(19.3+4) - 10(25 - 19.3 + 4) = 5 - 3(19.3) - 4(19.3+1)$$

$$9 - 2(23.3) - 10(9.7)$$

$$9 - 46.6 - 97$$

$$-134.6$$

$$/ \quad 5 - 57.9 - 4(20.3)$$

$$5 - 57.9 - 81.2$$

$$-134.1$$

falsch

$$\textcircled{3} (x+4)^2 = x(x-14) + 5$$

$$x^2 + 8x + 16 = x^2 - 14x + 5$$

$$8x + 16 = -14x + 5$$

$$8x + 14x = 5 - 16$$

$$22x = -11$$

$$x = -22/11$$

$$x = -1/2$$

$$x = 0.5$$

$$(0.5+4)^2 = 0.5(0.5-14) + 5$$

fulke