

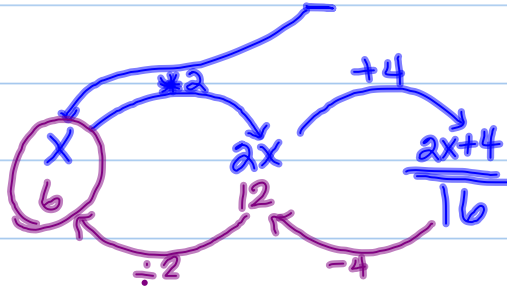
Solving or Scripting Equations

1. - always start with x
2. - undo the order of operations applied to x

Sep 20-12:48 PM

Scripting Equations:

$$2x + 4 = 16$$

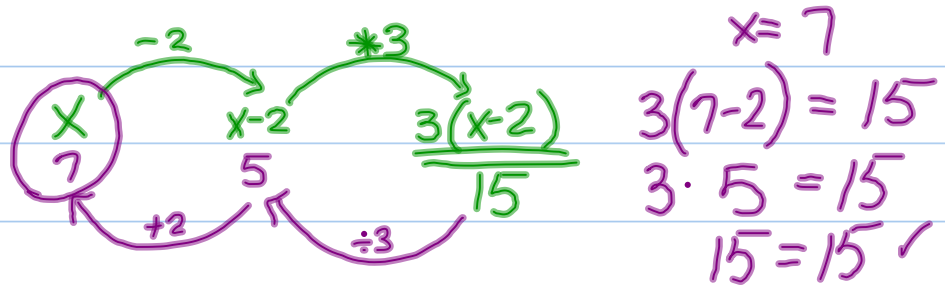


$x = 6$ check step

$$\begin{aligned} 2 \cdot 6 + 4 &= 16 \\ 12 + 4 &= 16 \\ 16 &= 16 \end{aligned}$$

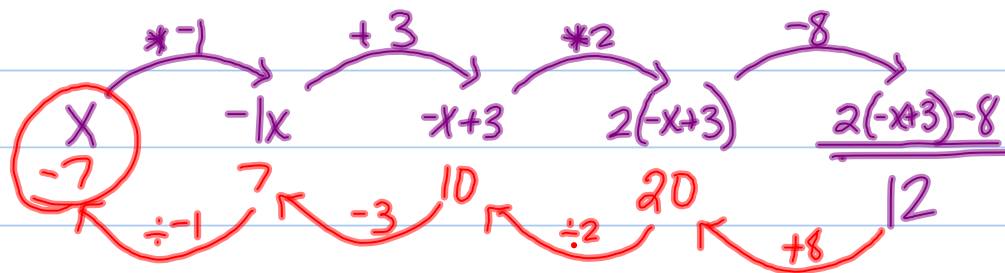
Sep 21 - 1:10 PM

$$3(\underline{x} - 2) = 15$$



Sep 21 - 1:11 PM

$$2(\underline{-x} + 3) - 8 = 12$$



$$2(-1 \cdot -7 + 3) - 8 = 12$$

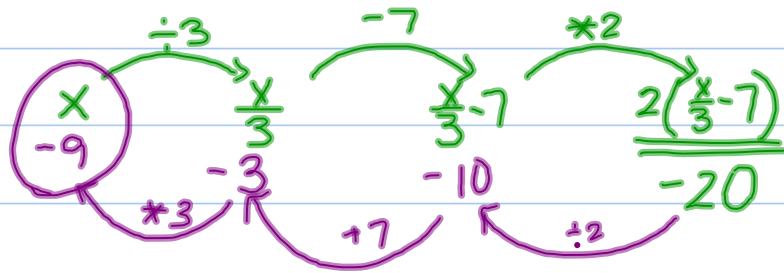
$$2(10) - 8 = 12$$

$$20 - 8 = 12$$

$$12 = 12$$

Sep 21 - 1:11 PM

$$2\left(\frac{x}{3} - 7\right) = -20$$



$$2\left(\frac{-9}{3} - 7\right) = -20$$

$$2(-10) = -20$$

$$-20 = -20$$

Sep 21 - 1:13 PM

Homework

1. $9x + 3 = 21$
2. $\frac{3}{4}x + 12 = -6$
3. $-3 + 2x = -15$
4. $-8(x - 2) = 40$
5. $2(x - 6) + 3 = 11$
6. $2(x + 7) - 8 = 22$
7. $5 - \frac{x}{2} = 12$
8. $3(x + 4) + 5 = 35$
9. $9x - 3 = 24$
10. $4(x + 4) - 1 = -13$

Sep 21 - 1:15 PM

Homework

1. $9x + 3 = 21$

7. $5 - \frac{x}{2} = 12$

2. $\frac{3}{4}x + 12 = -6$

8. $3(x + 4) + 5 = 35$

3. $-3 + 2x = -15$

9. $9x - 3 = 24$

4. $-8(x - 2) = 40$

10. $4(x + 4) - 1 = -13$

5. $2(x - 6) + 3 = 11$

6. $2(x + 7) - 8 = 22$

Sep 21 - 1:21 PM