

Starter

7 FEB 2018

Solve.

QUIZ over solving equations on Friday.

1) $-4(x+3) = 24$

$$\begin{array}{r|l} -4x - 12 & = 24 \\ \hline +12 & +12 \\ \hline -4x & = 36 \\ \hline -4 & -4 \end{array}$$

$$x = -9$$

2) $6 + 2(5-x) = 12$

$$\begin{array}{r} 6 + 10 - 2x = 12 \\ 16 - 2x = 12 \\ -2x + 16 = 12 \\ \hline -16 \quad -16 \\ \hline -2x = -4 \end{array}$$

$$\begin{array}{r} -2x = -4 \\ \hline -2 \quad -2 \\ \hline x = 2 \end{array}$$

Algebra 1: 3.4 Solving Equations Homework
Solve the Equation. Show all Steps!!!

1. $4x - 6 = x + 9$

2. $4 - 7x = 1 - 6x$

Finish and turn in TODAY.

3. $-4x - 3 = -6x + 9$

4. $41 - 2n = 2 + n$

5. $6(2+y) = 3(3-y)$

6. $4y = 2(y-5) - 2$

7. $6x - 9x - 4 = -2x - 2$

8. $-2(2x+3) = -4(x+1) - 2$

9. $3 - 6a = 9 - 6a$

10. $-9x + 6 = -x + 4$