

7th Grade
March 9, 2021

Today we will:

-take notes

-begin HW



HOMEWORK:

Lesson 1 Practice WS

ALEKS assignment:
60 min and 5 topics
due Monday by 11:59pm



Notes:

For this chapter, you **MUST**
solve **ALL EQUATIONS** by
balancing!

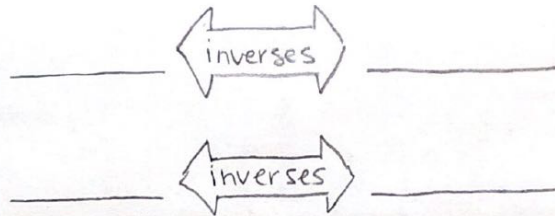
$$46 + m = 92$$

Solving One-Step Equations

_____ "undo"
each other.

$$\begin{array}{r} 3.6 + c = 9.2 \\ -3.6 \quad -3.6 \\ \hline c = 5.6 \end{array}$$

$$f - 16 = 57$$



$$\begin{array}{r} g - 128 = 457 \\ +128 \quad +128 \\ \hline g = 585 \end{array}$$

$$1.3h = 65$$

Things to remember when solving equations:

① Use inverse operations to _____.

② _____ the variable.

③ This means get it by itself on one side.

③ Whatever you do to one side of the equation, you must _____.

③ This is called _____ the equation.

$$\begin{array}{r} \frac{2}{3} \cdot \frac{4}{3} k = \frac{2}{3} \cdot \frac{4}{3} \\ \cdot \frac{3}{4} \quad \cdot \frac{3}{4} \\ \hline k = \frac{8}{9} \end{array}$$

$$\frac{n}{12} = 12$$

$$\begin{array}{r} \frac{x}{2} \cdot 2 = 18 \cdot 2 \\ \hline x = 36 \end{array}$$



One-Step Equations With Integers

Solve each equation.

1) $v - 10 = -9$

$$\begin{array}{r} +10 \quad +10 \\ \hline v = 1 \end{array}$$

2) $v - 10 = -3$

3) $x - 3 = 4$

4) $\frac{x}{5} = 2$

5) $\frac{22}{-11} = \frac{-2k}{-11}$

$$-2 = k$$

6) $-13m = -377$

7) $b - 7 = -1$

$$b - 7 + 7 = -1 + 7$$

$$b = 6$$

8) $-8 = p - 13$

9) $-40 = -5p$

10) $418 = -22a$

11) $\frac{a}{29} = 5$

12) $-2 = \frac{m}{16}$

13) $x - 11 = 16$

14) $-10 = x - 21$

15) $20 = \frac{n}{4}$

16) $n - 29 = -53$

17) $-19 = b - 6$

18) $-8 = -16 + n$

19) $-9 + x = -26$

20) $29 + n = 13$

21) $21 = \frac{x}{18}$

22) $k + 1 = -27$

23) $6 = m - 16$

24) $5 = v + 29$

25) $168 = -84n$

26) $41k = -2747$

27) $\frac{x}{15} = 11$

28) $-71 = \frac{x}{64}$