

7th Grade  
March 15, 2021

Today we will:

-work on dry erase boards

-complete banner flag

-work on Skills Practice WS



HOMEWORK:

Skills Practice WS if not done in class

Video notes

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



$$-2x + 1 = 7$$

$$\begin{array}{r} -1 \\ \hline \end{array} \quad \begin{array}{r} -1 \\ \hline \end{array}$$

$$\begin{array}{r} 2x \\ \hline -2 \end{array} = \begin{array}{r} 6 \\ \hline -2 \end{array}$$

$$x = -3$$

$$-\frac{1}{2}x - 12 = -27$$

$$\begin{array}{r} +12 \\ \hline \end{array} \quad \begin{array}{r} +12 \\ \hline \end{array}$$

$$\begin{array}{r} -\frac{1}{2}x \\ \hline -\frac{1}{2} \end{array} = \begin{array}{r} -15 \\ \hline -\frac{1}{2} \end{array}$$

$$x = \frac{-15}{-\frac{1}{2}} \div \frac{1}{2}$$

$$x = \frac{-15}{-\frac{1}{2}} \cdot \frac{2}{1}$$

$$x = 30$$

$$9 = 4 + \frac{1}{5}x$$

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

$$5 \cdot 5 = \frac{5}{1} \cdot \frac{1}{5}x$$

$$25 = x$$

$$1.1 + 1.2x = 5.9$$

$$\begin{array}{r} -1.1 \\ \hline \end{array}$$

$$\begin{array}{r} -1.1 \\ \hline \end{array}$$

$$\begin{array}{r} 1.2x \\ \hline 1.2 \end{array} = \begin{array}{r} 4.8 \\ \hline 1.2 \end{array}$$

$$x = 4$$



Name \_\_\_\_\_

CLASSWORK

Unit \_\_\_ Lesson \_\_\_ Due Date \_\_\_\_\_

**Lesson 2 Skills Practice**  
**Solving Two-Step Equations**

Solve each equation. Check your solutions.

1.  $3x + 10 = 1$

2.  $\frac{1}{5}a + 8 = 9$

3.  $8w - 12 = -4$

Handwritten solution for equation 2:  

$$\frac{1}{5} \cdot \frac{1}{5} a = \frac{1 \cdot 5}{5}$$

$$a =$$

4.  $\frac{1}{2}r + 6 = 5$

5.  $18 - 2.3q = 1.9$   

$$\begin{array}{r} 18 \\ -18 \\ \hline -2.3q = -18.0 \end{array}$$

$$\begin{array}{r} 18.0 \\ -1.9 \\ \hline \end{array}$$

6.  $3j - 20 = 16$

7.  $\frac{1}{12}u - 8 = -8$

8.  $7p + 11 = 46.7$

9.  $12.5d + 15 = -3.75$

10.  $4c + 20 = 0$

11.  $\frac{1}{2}n - 9 = -5$

12.  $10b - 19 = 11$

13.  $\frac{2}{5}h + 10 = 6$

14.  $6k - 9 = 15$

15.  $-\frac{1}{5}w - 4 = -2$



Note:

For this chapter, you **MUST** solve **ALL EQUATIONS** by balancing! If you do not show balancing, you will get **HALF CREDIT**, even if you have the correct solution!



8-3 Writing Equations Video Notes

<p>Eight less than 7.2 times number is <math>-29.6</math></p>	<p>Twenty-six more than the product of a number and 17 is <math>-42</math></p>
<p>The difference between one-third of a number and 11 is 10</p>	<p>Last summer, Gary trained 32 more dogs than Zina. Together they trained 126 dogs. How many dogs did Gary train?</p>

Try these on your own:

One increased by the difference between 18 and seven times a number is  $-9$

$\$95$  is  $\$15.80$  more than four times the amount Pam spent

Julius sold five times as many computers as Sam sold last year. In total, they sold 78 computers. How many computers did Julius sell?

12 less than the product of  $\frac{2}{3}$  and the number of cards Mark has is 98