

Agenda

9/16/19

Write your **OBJECTIVE**Objective: I can solve equations.

1. Bellwork/Writing:

a. Solve: $5z = 40$
 $\frac{5z}{5} = \frac{40}{5}$
 $z = 8$

b. Simplify: $2 + 3(x+5) - x$

$$2 + 3(x+5) - x$$

$$2 + 3x + 15 - x$$

c. Evaluate: $(x-y)^2$ when $x=4$ and $y=-2$
 $(4 - (-2))^2$

$$2x + 17$$

$$2x + 17$$

2. Lesson: One Step Equations, Two Step Equations

3. Guided Practice

4. Independent Practice

5. Homework

$$(6)^2 = 36$$

Aug 20-7:49 AM

Objective: I can solve equations.

Review One - Step

① $x - 8 = 10$
 $+8 \quad +8$
 $x = 18$

② $3x = 169$
 $\frac{3x}{3} = \frac{169}{3}$
 $x = 56.\bar{3}$

③ $x + 110 = -145$
 $x = -255$

④ $\frac{3}{4}x = 3 \cdot \frac{4}{3}$
 $x = 4$

Sep 16-7:34 AM

Objective: I can solve equations.

Two - Step Equations

$$\textcircled{1} \quad \boxed{3x+8} = 20$$

$$\begin{array}{r} \downarrow -8 \quad | \quad -8 \\ \hline 3x = 12 \\ \downarrow \div 3 \\ \boxed{x=4} \end{array}$$

$$\textcircled{2} \quad 4 + \boxed{\frac{x}{3}} = 7$$

$$\begin{array}{r} \downarrow -4 \quad | \quad -4 \\ \hline \frac{x}{3} = 3 \\ \downarrow \times 3 \\ \boxed{x=9} \end{array}$$

check

$$4 + \frac{x}{3} = 7$$

$$4 + \frac{9}{3} = 7$$

$$4 + 3 = 7$$

$$7 = 7 \checkmark$$

Sep 16-7:42 AM

Practice

$$\textcircled{1} \quad \boxed{-3x+10} = 22$$

$$\begin{array}{r} \downarrow -10 \quad | \quad -10 \\ \hline -3x = 12 \\ \downarrow \div -3 \\ \boxed{x=-4} \end{array}$$

$$\textcircled{2} \quad \boxed{\frac{3}{2}x-8} = 11$$

$$\begin{array}{r} \downarrow +8 \quad | \quad +8 \\ \hline \frac{3}{2}x = 19 \\ \downarrow \times \frac{2}{3} \\ \boxed{x=\frac{38}{3}} \end{array}$$

$$\textcircled{3} \quad \frac{c+1}{3} = -21$$

$$\textcircled{4} \quad 12 = -7x - 9$$

Sep 12-1:28 PM

Exit Slip

Solve:

$$\textcircled{1} -3t + 8 = 20$$

$$\textcircled{2} n - 3.2 = 5.6$$

$$\textcircled{3} \frac{x-9}{3} = 8$$

Sep 12-11:28 AM

Homework

$$\textcircled{1} -2 + x = 4$$

$$\textcircled{2} 3y = -12$$

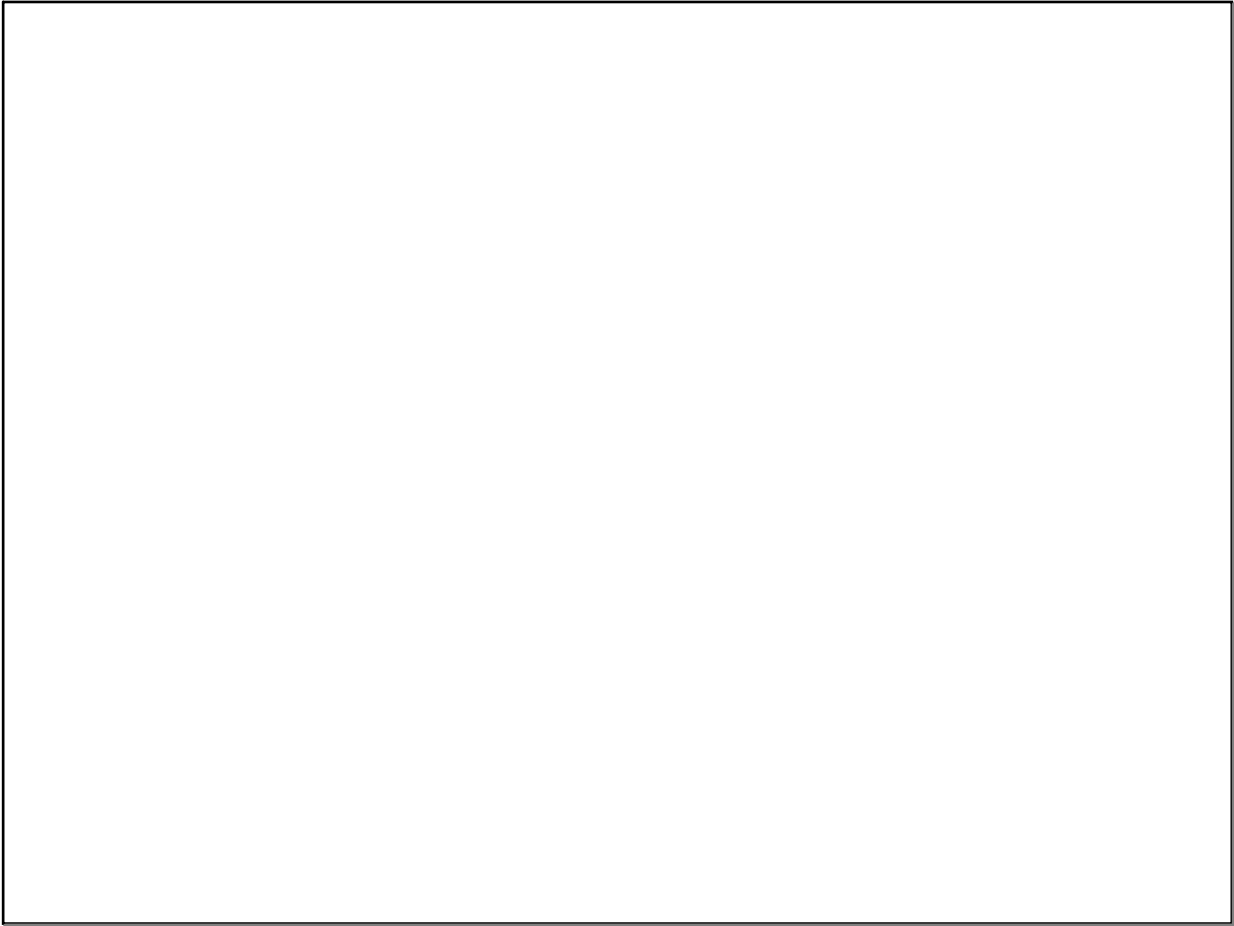
$$\textcircled{3} 4 - x = 2$$

$$\textcircled{4} \frac{2x}{4} = 7$$

$$\textcircled{5} 5x - 7 = 10$$

$$\textcircled{6} 14 = 5x + 4$$

Sep 12-7:37 AM



Sep 16-7:34 AM