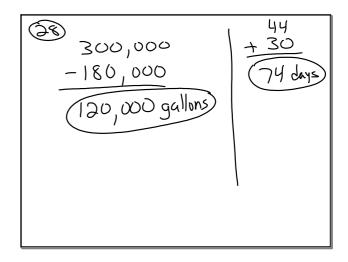
Do Now:

- 1.) 56 ÷ (-8)
- 2.) 96 ÷ 12 8
- 3.) (-9)8
- 4.) -13(-4) (5)



Oct 5-7:31 AM Oct 19-8:00 AM

$$\begin{array}{c|c}
 y - 6 - 10 = 0 \\
 \hline
 y - 16 = 0 \\
 \hline
 + 16 + 16 \\
 \hline
 \hline$$

Oct 19-8:02 AM

2.6 Solving Equations Using Multiplication or Division

7.NS 7.EE

- SWBAT solve equations using multiplication or division.
- SWBAT write a verbal sentence as an equation.
- SWBAT represent situations using algebraic symbols; analyze situations using algebraic symbols.
- Calculators: No

Oct 6-2:33 PM

Division Property of Equality

Dividing each side of an equation by the same nonzero number produces an equivalent equation.

Ex:
$$3x = 12$$

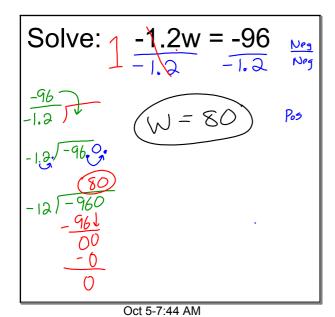
If $3x = 12$, then $3x = 12$
So, $x = 4$

Solve: 1 - 6x = 48 Pus Neg x = -8 Neg

Oct 5-7:33 AM Oct 5-7:44 AM

1

2.6 PA.notebook October 19, 2015



Solve the equation.

1.
$$9p = 54$$

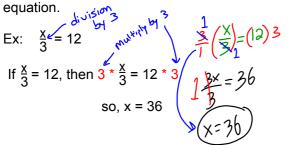
2.
$$-2.5x = 20$$

3.
$$-45 = -15x$$

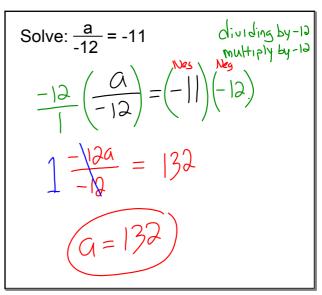
Oct 14-9:34 AM

Multiplication Property of Equality

Multiplying each side of an equation by the same nonzero number produces an equivalent equation



Oct 5-7:33 AM



Oct 5-7:44 AM

Solve:
$$\frac{-y}{8.2} = 6$$

$$1_{8.2} \left(\frac{-y}{8.2} \right) = 6 \cdot (8.2) \cdot (8.2) \cdot (8.2) \cdot (8.2) \cdot (8.2) \cdot (9.2) \cdot (9.2)$$

Oct 19-8:38 AM

2.6 PA.notebook October 19, 2015

Solve the equation.

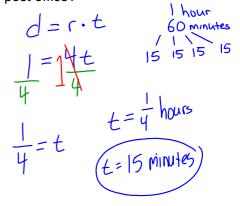
1.
$$-21 = \frac{x}{-9} \times = 189$$

2.
$$\frac{x}{3.5} = 14$$
 $x = 49$
3. $\frac{-a}{8} = -6$ $x = 48$

3.
$$\frac{-a}{8} = -6$$
 $\sqrt{1 = 40}$

Oct 14-9:35 AM

Brendan bicycled at an average speed of 4 miles per hour to get to the post office that was 1 mile from home. How long did it take him to reach the post office?



Oct 5-7:48 AM

Exit Pass 2.6

$$1.5c = -15$$

$$2.54 = -9x$$

$$3. -6 = \frac{-u}{4}$$





Oct 6-2:31 PM Oct 6-2:37 PM

"Don't blame the sea if you cannot catch a fish."

Working individually or with a partner, complete the worbook.

Workbook pg. 27 #1-18



Reflection of Today's Lesson

2.6 Solving Equations Using **Multiplication or Division**

7.NS 7.EE

- SWBAT solve equations using multiplication or division.
- SWBAT write a verbal sentence as an equation.
- SWBAT represent situations using algebraic symbols; analyze situations using algebraic symbols.

Homework

pg. 99 #8-24 even only; 28-33 all



Oct 14-9:36 AM Oct 6-2:37 PM