Do Now:

1) 2 + (-7) = $\boxed{-5}$

2) -4 - (-9) = $\boxed{5}$

3) -10 + (-3) = $\boxed{-13}$

4) 8 - (-12) = $\boxed{20}$

Oct 5-7:28 AM

20, 28, 29, 30, 31, 24, 33

$\overline{}$

24   $81 = \frac{x}{16}$ $81 \times 16 = \frac{x}{16} \cdot 16$

$x = 1{,}296$

Oct 20-7:59 AM

2.7 Decimal Operations and Equations with Decimals

7.NS
7.EE

- SWBAT solve equations involving decimals.
- SWBAT write a verbal sentence as an equation.
- SWBAT represent situations using algebraic symbols; analyze situations using algebraic symbols.

- Calculators: No

Oct 6-2:39 PM

Find the sum   -2.9 + (-6.5)

$$\begin{array}{r} -2.9 \\ +-6.5 \\ \hline -9.4 \end{array}$$

Oct 5-7:30 AM

Find the difference   -25.38 - (-42.734)

-25.38 + 42.734

Diff Signs (subtract)

$$\begin{array}{r} 42.734 \\ +-25.38 \\ \hline 17.354 \end{array}$$

Oct 14-9:40 AM

Find the product   -4.5(-9.25)

$$\begin{array}{r} 19.25 \\ 45 \\ \hline 46.25 \\ 3700 \times \\ \hline 41.625 \end{array}$$

Pos

41.625

Oct 14-9:41 AM

Find the quotient   -29.07 ÷ (-1.9)

$$-29.07 \div (-1.9)$$

15.3

190)2907.0
    -190
      1007
     -950
       570
      -570
         0

Oct 14-9:41 AM

Perform the indicated operation:

1) -1.3 + (-4.2)

2) 10.57 + (-6.89)

3) 9.817 - (-1.49)

4) -0.7(18.4)

5) 16.83 ÷ (-3.3)

Oct 5-7:50 AM

Solve the equation.

x + 4.7 = 3.5

$$X + 4.7 = 3.5$$
$$\quad\ \ -4.7 \quad -4.7$$
$$X = -1.2$$

4.7
-3.5
1.2

Oct 5-8:14 AM

Solve the equation.

y - 6.91 = -2.26

$$Y - 6.91 = -2.26$$
$$\quad\ \ +6.91 \quad +6.91$$
$$Y = 4.65$$

6.91
-2.26
4.65

Oct 14-9:43 AM

Solve the equation.

-0.6m = -5.1

$$\frac{-0.6m}{-0.6} = \frac{-5.1}{-0.6}$$

$$m = 8.5$$

$$\frac{-5.1}{-0.6} \quad -0.6\overline{)-5.1}$$

$$8.5$$
$$-6\overline{)-51.0}$$
$$\ \ \ -48$$
$$\quad\ \ 30$$
$$\quad -30$$
$$\quad\quad 0$$

Oct 5-8:15 AM

Solve the equation.

$\frac{n}{-8}$ = 1.75

$$1\left(\frac{n}{-8}\right) = (1.75)(-8)$$

$$n = -14$$

75
× 8
14.00

14

Oct 14-9:43 AM

The trip odometer on a car shows 229.5 miles before a car salesperson left for a sales meeting When she reached her destination, the trip odometer read 273.2 miles. How far did she have to drive to attend the meeting?

43.7 miles

Oct 5-9:01 AM

Exit Pass 2.7

1. $x - 2.2 = 3.2$

2. $y + 0.6 = -1$

3. $\dfrac{n}{-7.1} = 5.8$

4. $-5.2a = -1.3$

Oct 9-7:22 AM

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

Working individually or with a partner, complete the workbook.

Workbook 2.7 pg. 29

#2-24 evens

#25-32 (skip #30)

Oct 6-2:43 PM

Reflection of Today's Lesson

2.7 Decimal Operations and Equations with Decimals

7.NS
7.EE

- SWBAT solve equations involving decimals.
- SWBAT write a verbal sentence as an equation.
- SWBAT represent situations using algebraic symbols; analyze situations using algebraic symbols.

Oct 14-9:46 AM

Homework

pg. 105 #12-34 evens only

Oct 6-2:43 PM