Do Now:

1.) 124 - 35 = 89

2.) 17 - 17 = 0

3.) 18 + (-21) + 39 = 36

4.) -11 + (-9) + (-23) + 19 + (-12)

-55 + 19 = -36

23 + 12 = 35; 35 + 9 = 44; 44 + 11 = 55; -55

Sep 28-9:08 AM

Answers to Worksheet 2.2

Correct / 23

1. -4 + 11 = 7
2. 1
3. -5
4. -9
5. 9
6. -17
7. -97
8. -7
9. 9
10. -41
11. -43
12. -68
13. -121
14. never
15. never
16. never
17. sometimes
18. -13
19. -9
20. -30
21. -140
22. $227
23. -2; finished 2 seconds behind

Sep 29-7:13 AM

2.3 Subtracting Integers

7.NS.1
7.EE.1

- SWBAT subtract integers.
- SWBAT understand numbers and understand meanings of operations.

Calculators: No

Sep 18-5:52 PM

Subtracting Integers

To subtract integers, add its opposite

- Ex: a - b
  = a + (-b)

- Ex: 3 - 7
  = 3 + (-7)
  = - 4

Sep 22-7:45 PM

Christian owed $200 on his credit card. He made another purchase of $20. How much does he now owe?

-200 - 20

-200 + (-20)

Sep 18-5:55 PM

-200 - 20

Steps to solve:

SAME 1. Leave the first number alone. -200 - 20

CHANGE 2. Change the minus sign to a plus -200 + 20

OPPOSITE 3. Use the OPPOSITE of the second number -200 + (-20)

Sep 22-8:56 PM

Think...

Isn't taking away $20 the same thing as adding -$20

-200 - 20

I started the account with -200 and then took away 20 more dollars

-200 + (-20)

She started the account with -200 and then added another -20 debt.

Sep 22-9:41 PM

SAME CHANGE OPPOSITE

-12 - 15

-12 + (-15)

-27

Same Sign (neg)

15
+12
27

Sep 22-9:11 PM

SAME CHANGE OPPOSITE

10 - (-90)

10 + 90

100

Same Sign (pos)

90
+10
100

Sep 18-6:00 PM

SAME CHANGE OPPOSITE

25 - 34

Pos Neg

25 + (-34)

-9

Diff. Sign (neg)

34
-25
9

Sep 18-6:02 PM

SAME CHANGE OPPOSITE

-100 - 37

-100 + (-37)

-137

Same Signs (neg)

100
+37
137

Sep 18-6:02 PM

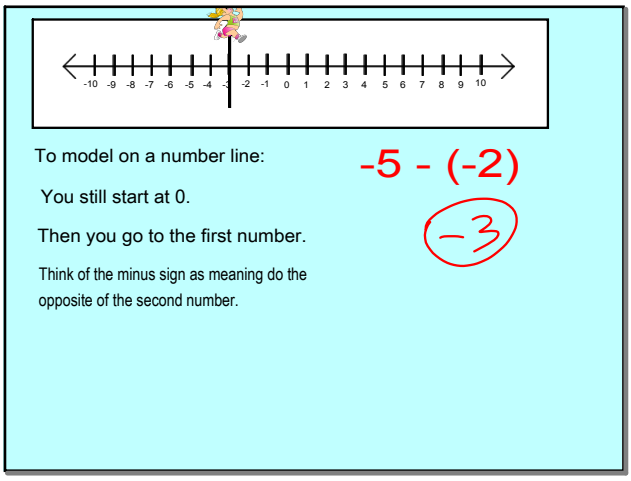
-15 - 75 - (-100)

-15 + -75

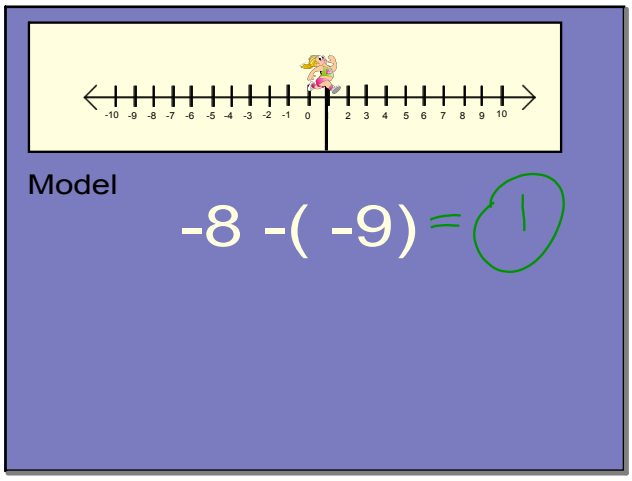
-90 + 100

10

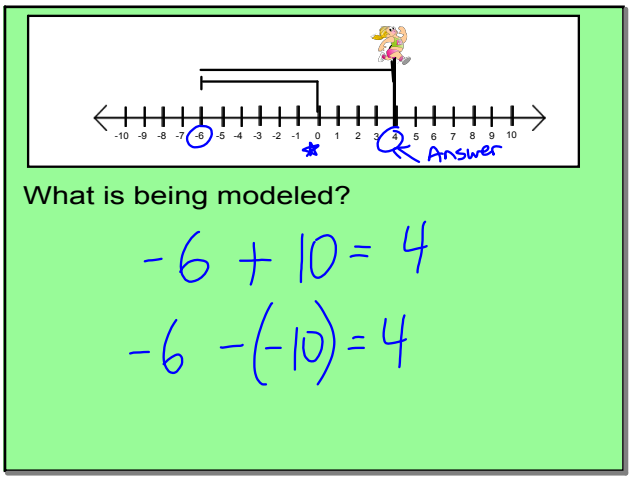
Sep 28-12:19 PM



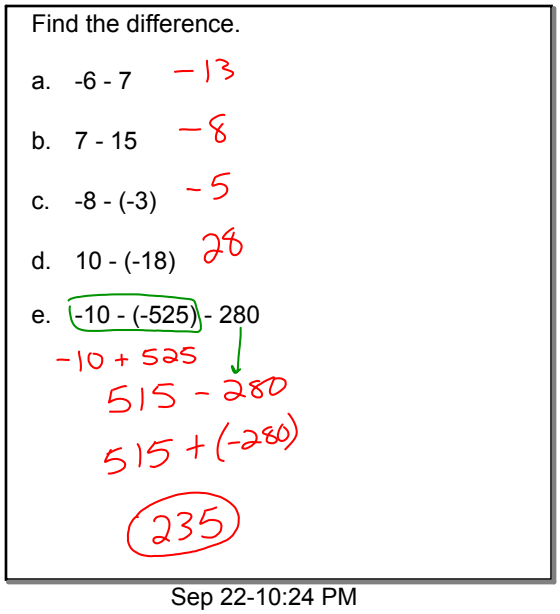
Sep 22-9:39 PM



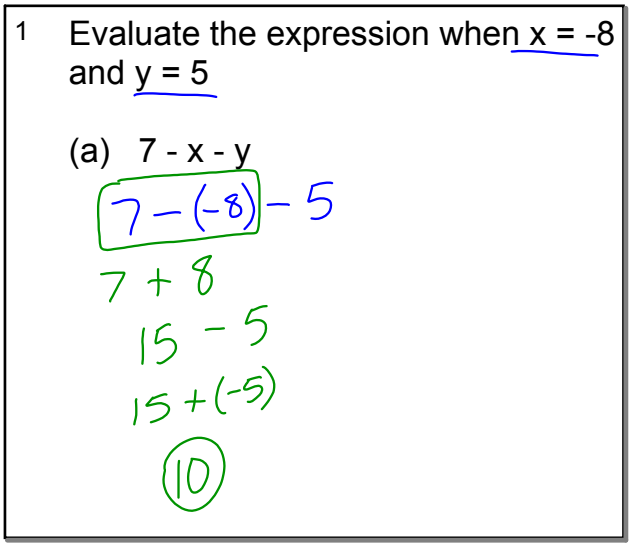
Sep 22-10:11 PM



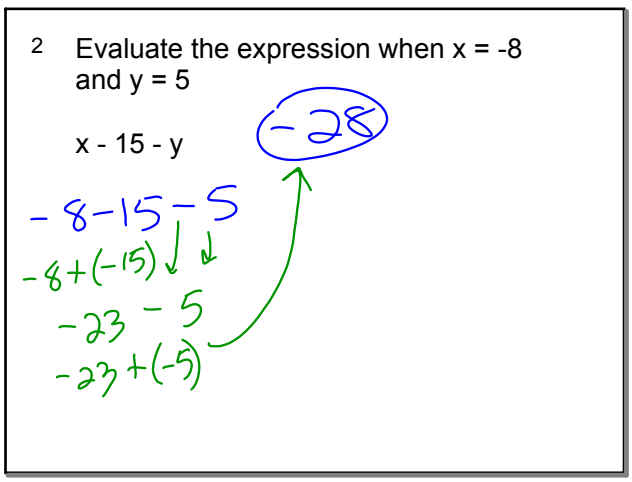
Sep 22-10:14 PM



Sep 22-10:24 PM



Sep 28-9:45 AM



Sep 28-9:45 AM

3 Evaluate the expression when x = -8 and y = 5

x - y - 4 - 12

Sep 28-9:46 AM

In 1962, the summit elevation of Kick-'em Jenny was -235 meters. In 2002, the summit elevation was -182 meters. By how many meters did the elevation of the volcano change?

Sep 28-9:47 AM

Find the change in elevation of a diver who descends to -52 feet from -37 feet.

Sep 18-5:59 PM

Exit Pass 2.3

Complete the statement using *always*, *sometimes*, or *never*.

1. A negative number minus a positive number is _____ negative.

2. A positive number minus a negative number is _____ negative.

3. Explain how you'd find the difference of -45 and -60.

Sep 18-6:23 PM

"Perfect practice makes perfect."

Working individually or with a partner, complete the worksheet.

Sep 18-6:23 PM

Reflection of Today's Lesson

2.3 Subtracting Integers
7.NS.1
7.EE.1
SWBAT subtract integers.
SWBAT understand numbers and understand meanings of operations.

Sep 28-12:17 PM

Homework

pg. 65 #12-24

Quiz on Thursday 10/1

Sep 18-6:27 PM