

2.3 Subtracting Integers
p. 88 11-1-17

Oct 24-8:12 AM

$-6 - (-5) = -1$
Change to addition
 $-6 + (+5) = -1$
Add a line,
Change the sign!

Oct 29-8:10 AM

double negative
I don't have none.
I don't have nothing.
I have none.
 $-6 - (-5)$ $-6 - (-5)$

Oct 29-8:42 AM

$-6 - 3 = -9$
Change to addition
 $-6 + (-3) = -9$

Oct 24-8:59 AM

$-5 - 4 = -9$
Change to addition
 $-5 + (-4) = -9$

Oct 24-8:58 AM

Change to addition
 $-7 + (-5) = -12$
Change to addition
 $-7 + (+3) = -4$
Change to addition
 $8 + (-3) = 5$
 $-10 + (+5) = -5$

Oct 24-9:05 AM

Rule for subtraction

- Change subtraction to addition
- Change the second integer to its opposite.

Add a line,
Change the sign

Oct 24-9:08 AM

$$-18 + (+18) = 0$$

$$12 + (-16) = -4$$

$$22 + (+8) = 30$$

$$-15 + (-20) = -35$$

Oct 24-9:09 AM

Use a number line to find the difference.

1. $3 - 9 = -6$ $3 + (-9)$

Find each difference.

2. $-7 + (-4) = -11$

3. $-3 + (+5) = 2$

4. Evaluate $x - y + z$ for $x = -4$, $y = 5$, and $z = -10$.

$$[-4 + (-5)] + (-10)$$

$$-9 + (-10) = -19$$

Nov 9-3:47 PM