

**Warm - Up**  
**Sept. 28th, 2018**

Count the number of operators, discuss the order of the operations and then simplify.

$$-10 + 5 + -2 + -4 + 12$$

$$\begin{array}{ccccccc} \uparrow & \uparrow & \uparrow & \uparrow & & & \\ \downarrow & & & & & & \\ -5 & + & -2 & + & -4 & + & 12 \end{array}$$

$$-7 + -4 + 12$$

$$-11 + 12$$



**Deadline to take/retake quiz:**

**Monday, Oct. 1st!!**

- w-up
- p 15 (17-20)

**Continuing With the Procedure**

Careful!

Meanings for the  $-$  symbol

Depending on the situation you may find it easier to think of the dash symbol,  $-$ , as subtraction, as the negative of, as an opposite or as a factor of  $-1$ . Sometimes it's helpful to change your point of view within the same problem. With practice you will develop ways of understanding which meaning is the most appropriate.

$$-1 \cdot (-)$$

$$-5 = -1 \cdot +5$$

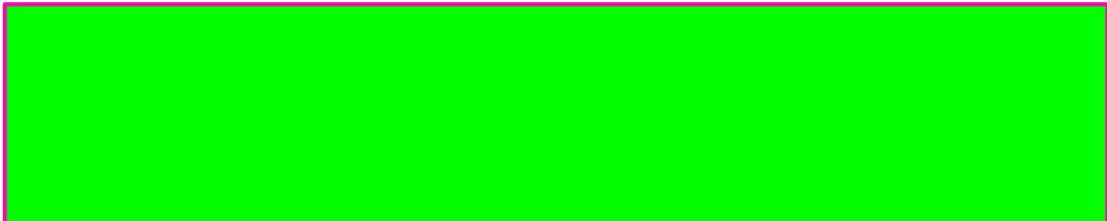
P.16

9/28

**Procedure – Subtracting Two Integers**

1. Change the subtraction to addition.
2. Change the number that follows the subtraction to its opposite.
3. Follow the procedure for adding two integers.

+ ~~+~~ + +



Simplify

$$-10 + \overline{4}$$

$$-10 + -4$$

$$-14$$



$$10 - 4$$

$$10 + -4$$

$$6$$



Simplify

$$-8 + +18$$

$$-8 + 18$$

$$10$$

$$-8 - 18$$

$$-8 + -18$$

$$-26$$

$$8 + +18$$

$$8 + 18$$

$$26$$

$$-8 + 18$$

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**Assignment (due Tue, Oct. 2nd)**  
**p. 17 (29-34)**  
p. 15 (21-28)

