

Math 7H - Unit 1a

Day 6c - Subtracting Integers

Lesson Objectives:

- I can recognize and use additive inverses.
- I know the general rules for subtracting integers.

Using what we learned with the Integer Elevators and the Algebra Tiles, can you finish these sentences?

To subtract integers, change the expression by **ADDING THE OPPOSITE** of the second integer. Then follow the addition rules.

Find each difference.

a. $-5 - (-15)$

b. $6 - (-3)$

c. $-8 - 10$

d. $9 - 16$

e. $-12 - (-8)$

Predict whether each difference will be positive, negative, or zero. Then use the rules for subtracting integers to evaluate each expression.

$$1. \ 6 - 9 = -3 \quad 2. \ 6 - (-9) = 15$$

$$3. \ -6 - 9 = -15 \quad 4. \ -6 - (-9) = 3$$

$$5 - 3 = 2$$

$$5. \ -6 - 6 = -12 \quad 6. \ 9 - (-9) = 18$$

Homework

1.3 pg 18 #4-32 (evens), 36-39, 43-56 (all)

* Individual Think Time *



What to do if you get stuck...

1. Reread the problem. Did you write it down correctly?
2. Reread your notes. Is there a problem similar that we did together in class?
3. Find a problem similar in your book. Try this one to see if it helps.
4. Skip the problem until the end of Individual Think Time. Then ask an "educated" question of a neighbor or Mrs. Call.

Today we're working by...

