

Math 7H - Unit 1a

Day 6b - Subtracting Integers

Lesson Objectives:

- I can recognize and use additive inverses.
- I can represent subtraction as a value model.

Using algebra tiles to model subtract, allows us to count the number of tiles left after we take away some.



Model 4.



Now, take away 3. How many are left?

What equation does this represent?

$$4 - 3 = 1$$

Model -5.



Now, take away -2. How many are left?

What equation does this represent?

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



Model 6.



Now, take away 8. What's the problem? What can we do?

After you take away 8, how many are left?

What equation does this represent?

$$6 - 8 = -2$$

Model -7.



Now, take away 3. What's the problem? What can we do?

After you take away 3, how many are left?

What equation does this represent?

$$-7 - 3 = -10$$

Homework for Wednesday

Model each difference.

$$9 - 3$$

$$4 - 9$$

$$8 - 5$$

$$6 - 10$$