

Math 7H - Unit 1a

Day 4b - Adding Integers

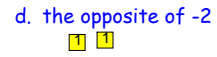
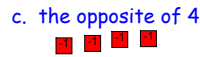
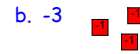
Lesson Objectives:

- I can recognize and use zero pairs.
- I can represent addition as a value model.

We can use algebra tiles to model the value of integers.



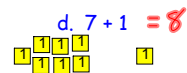
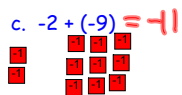
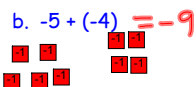
Model and sketch a picture of the following integers.



Using algebra tiles to model addition, allows us to count the number of total tiles.

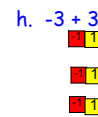
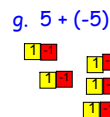


Model and sketch a picture of the following expressions.



What patterns do you notice?

Model and sketch a picture of the following expressions.



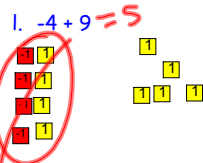
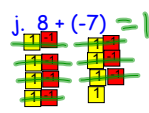
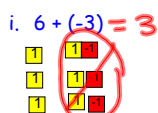
A zero pair is when we pair one positive counter with one negative counter.

Describe situations in which opposite quantities combine to make zero.

Use zero pairs to help model expression that have integers of different signs.



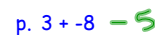
Model and sketch a picture of the following expressions. (Be observant of patterns and short cuts.)



Use zero pairs to help model expression that have integers of different signs.



Model and sketch a picture of the following expressions. (Be observant of patterns and short cuts.)



What patterns do you notice?

Integer Battle
Video
Click on title to open video

Can you finish these sentences? (We'll complete them tomorrow.)

To add integers with the same sign ,

Click here

To add integers with different signs ,

Click here

Homework

Adding Integers (Value) WKS

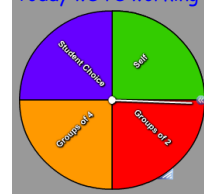
* Individual Think Time *



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...



Attachments

PosNegBattle.mpg