

Name: Key
Date: _____

Mr. Johnson
Math 8

Lesson 2.3 – Using Models to Divide Integers

Good news & Bad news:

The good news: Dividing integers is just as easy as it was to multiply integers

The bad news: ***How can anything be bad when you are in math class!!!!***

Think it out...

How are multiplication and division similar?

Student responses (inverse operations)

$$2 \times 0.5 = 1$$

$$\frac{1}{2} = 0.5$$

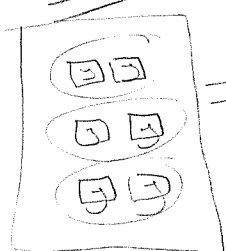
Investigate:

Define the idea of a 'bank'

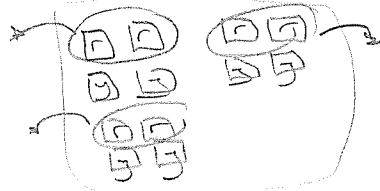
Complete the activity on pg. 77 with a partner. Be sure to complete all the questions and be prepared to share your results with the class. Use the space below to sketch your solutions.

first # tells us what to deposit (+) or to take out (-)

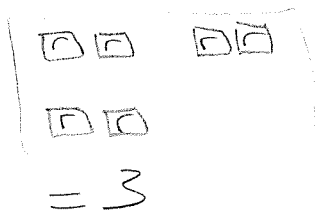
ex $6 \div 2 = 3$



$6 \div (-2)$ (use zero property) $= -3$

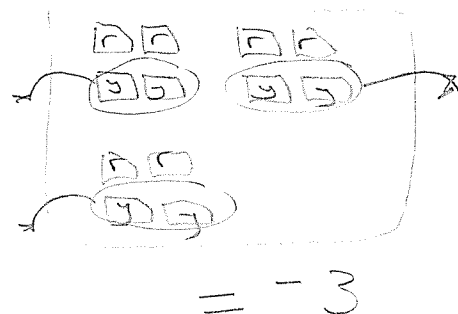


$(-6) \div (-2)$



$= 3$

$(-6) \div 2$



$= -3$

Assignment:

Pg. 79-82
#s 1-6, 11-15

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