September 2, 2014 4th

Starter

Clear off your desk
except a sharpened pencil
and be ready to go
when the bell rings.

9/2 Adding Integers using Counters and Numberlines

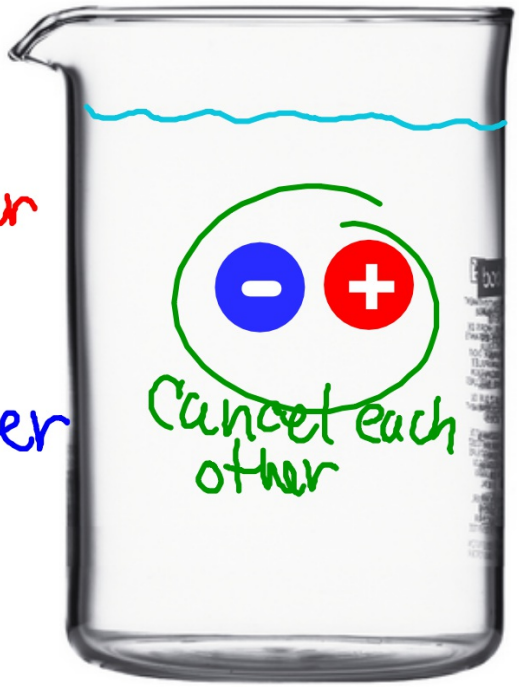
"Integer Counters"

= one positive

one degree warmer

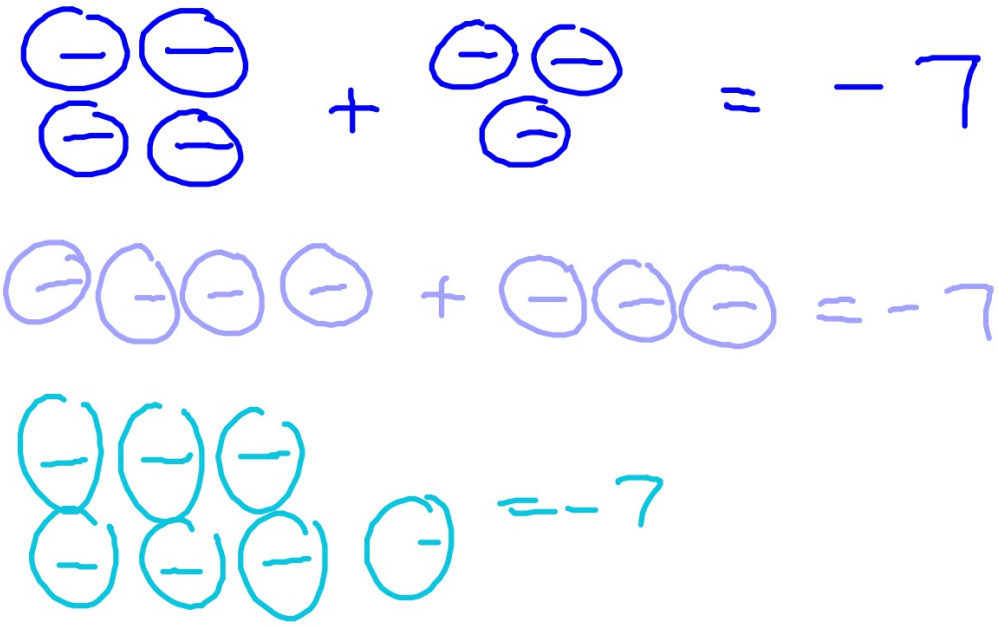
= one negative

One degree colder



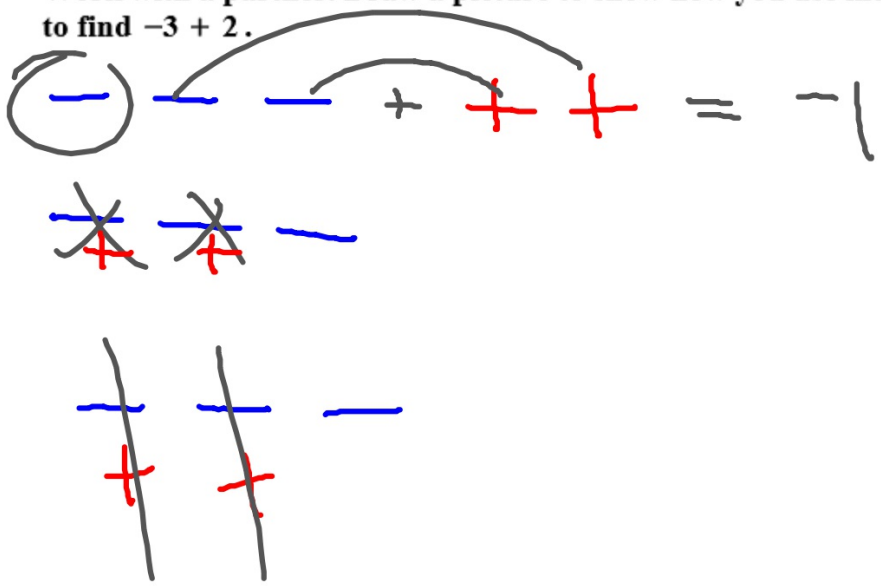
1 ACTIVITY: Adding Integers with the Same Sign

Work with a partner. Draw a picture to show how you use integer counters to find $-4 + (-3)$.



2 ACTIVITY: Adding Integers with Different Signs

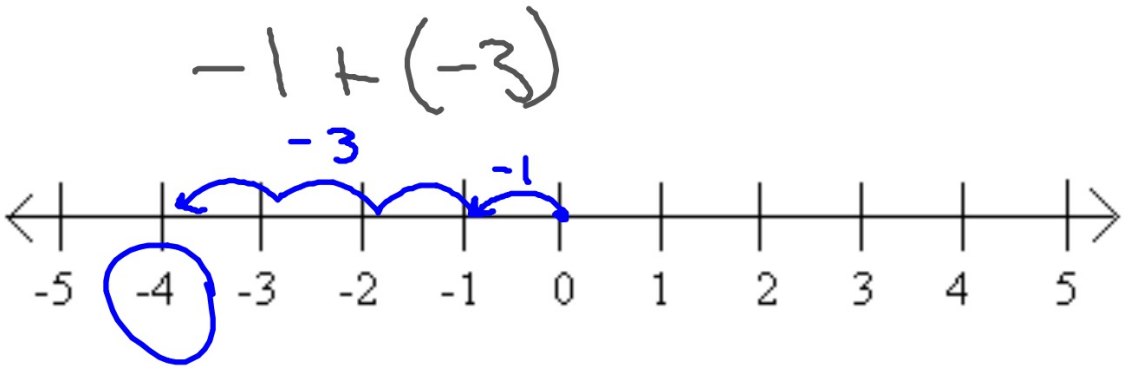
Work with a partner. Draw a picture to show how you use integer counters to find $-3 + 2$.



Number lines

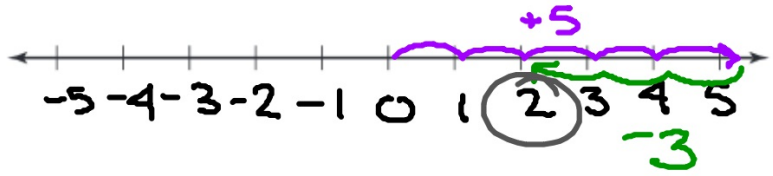
Positive = one to the right

Negative = one to the left



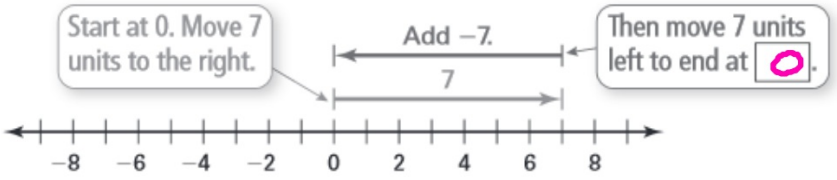
3 **ACTIVITY:** Adding Integers with Different Signs

Work with a partner. Show how to use a number line to find 5 + (−3). $= 2$



4 ACTIVITY: Adding Integers with Different Signs

Work with a partner. Write the addition expression shown. Then find the sum. How are the integers in the expression related to 0 on a number line?



$7 + (-7) = 0$

Opposites

"Additive Inverses"

Homework

Gold WS 3

Due Wednesday