

Sept 9th

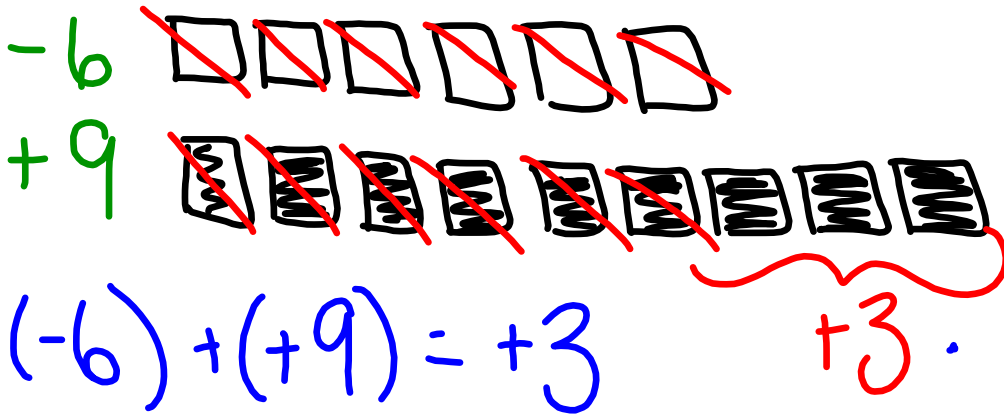
Warm Up Grade 7

1) What integer is modelled?



Model:

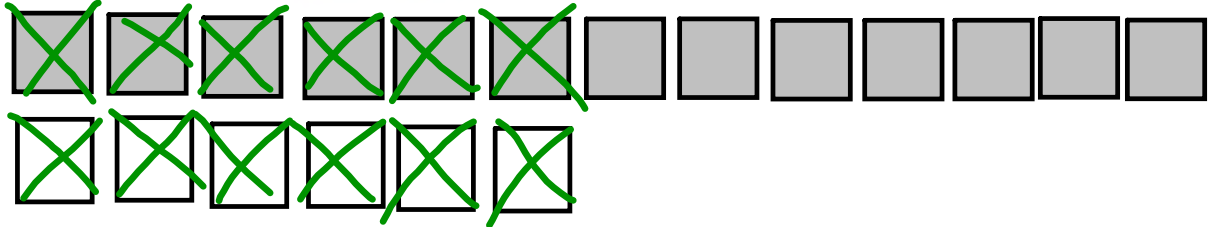
a) The temperature is -6°C at noon and rises by 9°C by supper time. What is the temp at supper time?



$$(-6) + (+9) = +3$$

Model:

$$13 + (-6) = +7$$



Answer the following using modelling:

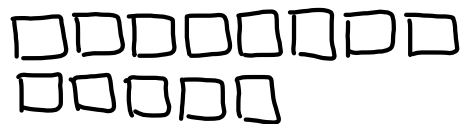
$$-8 + (-5) =$$

$$5 + 9 =$$

$$-8 + 12 =$$

$$-7 + (-4) =$$

$$(-8) + (-5) = -13$$



$$(+5) + (+9) = +14$$



$$(-8) + (+12) = +4$$



$$(-7) + (-4) = -11$$



Is there another way we could
model adding integers????

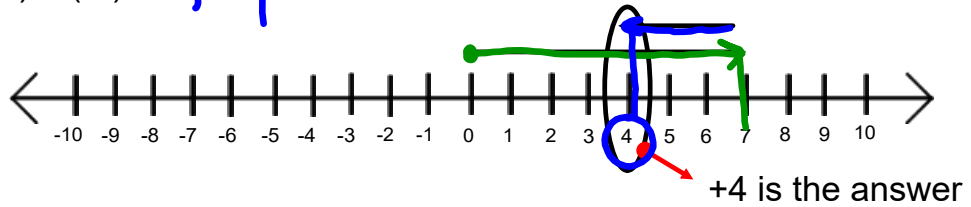
Number Line

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Adding Integers With a Number Line

1. Always start at zero
2. Draw an arrow from zero to the first number in the equation
3. Using the next number in the equation, draw an arrow that many steps from the number you are at.

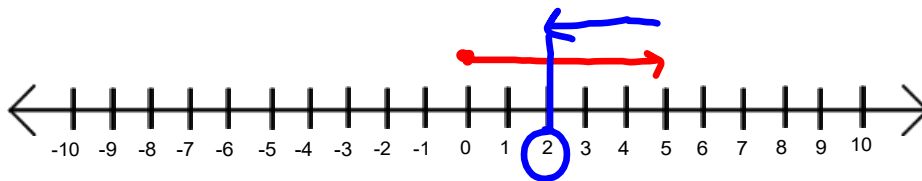
EXAMPLE: $(+7) + (-3) = +4$



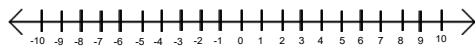
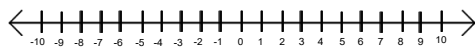
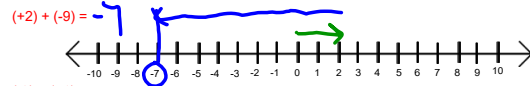
Adding with a number line!

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



Try these three for practice



* Front only

Homework - Worksheet

You NEED to model...you can use tiles, or a number line :)