Sept 5

Warm Up Grade 7

1) Represent each scenario with an integer

a) You owe your mom $52 -52

b) You descend 10 stairs - 10

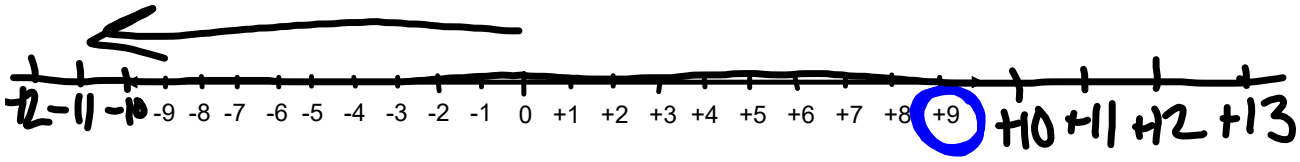
d) Oven is turn on to 350°F +350

2) Put the following integers in order from LARGEST to SMALLEST

~~7, -12, 8, -7, 10~~

+10, +7, 0, -7, -12

3) The opposite integer to +8 is -8



Answer the following:

1)Put the integers in order from smallest to largest

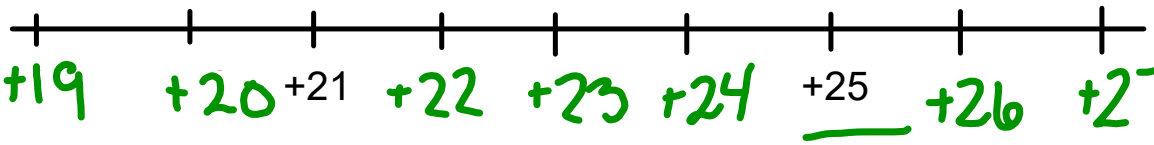
a) -9, -11, 0, +5, -16, +17, +50, -1

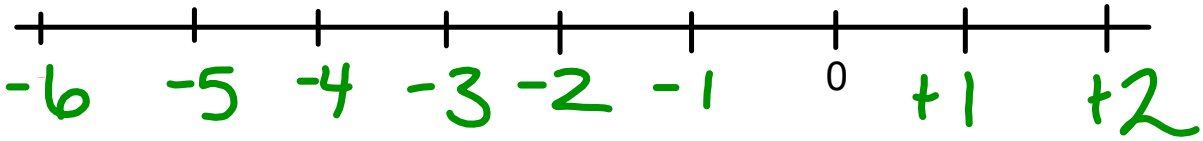
-16, -11, -9, -1, 0, +5, +17, +50

b) +21, +20, +15, -15, -11, +23, -2, -30

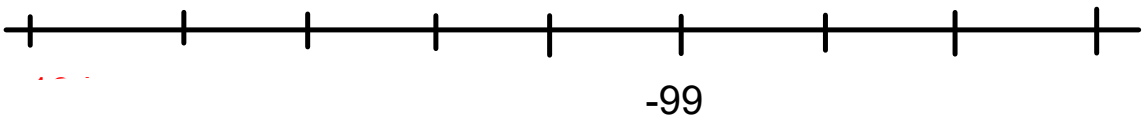
-30, -15, -11, -2, +15, +20, +21, +23

2) Complete the number line





c)



3) Use > or < to make the statement true

a) -25 ___ -27

b) +11 ___ -4

c) -80 ___ +1

Modeling Integers using Algebra Tiles NOTES

Algebra tiles will be used later in math, right now we will only use the -1 and the +1

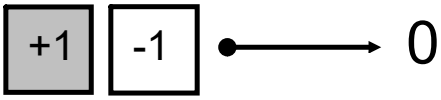
The tiles we use, yellow represents the positive and red represents the negative. Some tiles may have different colors

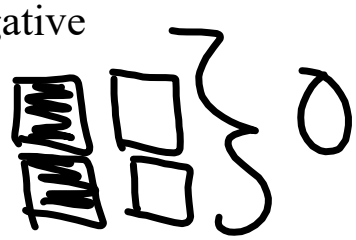
.

When drawing the tiles, we say shaded is positive and unshaded is negative. It does not matter if you use circles or squares.

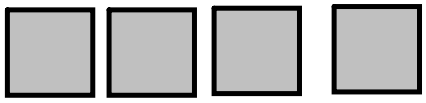
 Positive  Negative

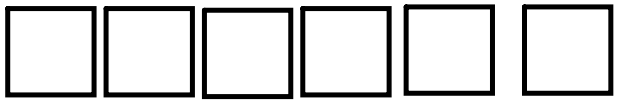
The Zero Concept - The same positive and a negative together will always give 0.

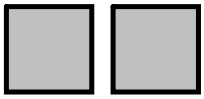




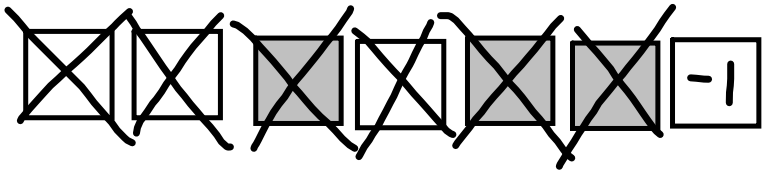
Give the integer represented by each of the following:

(a)  +4

(b)  -6

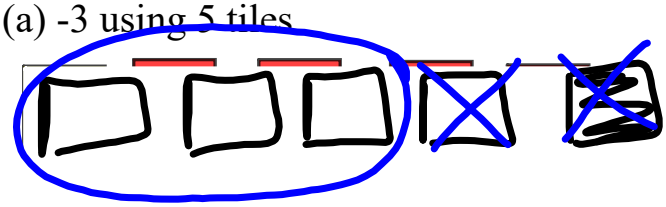
(c)  +2

(d) +1

(e)  -1

Model each of the following using the given of tiles:

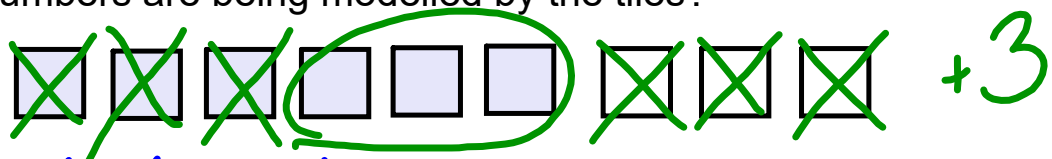
(a) -3 using 5 tiles

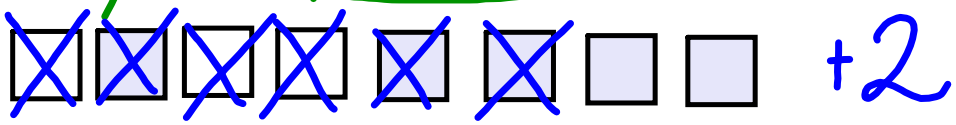


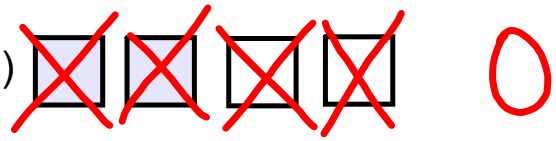
(e) 0 using 8 tiles

(f) -4 using 6 tiles

What numbers are being modelled by the tiles?

(A) 

(B) 

(C) 

Model -3 two different ways

Class/ Homework

Worksheet 1 & 2

Day 2 Homework.docx

Integer Representation & Modelling Integers

Attachments

Integers Worksheet 1.docx

Day 2 Homework.docx