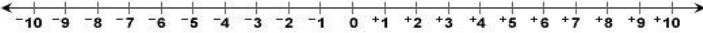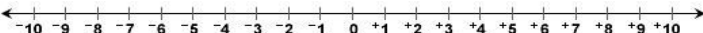Name: _____

Homework WEEK 2 (HONORS)
Solve the following problems **without a calculator**. You _MUST_ show your work. **CUBES** strategy must be used on all Word Problems.
NO WORK = NO CREDIT.

MONDAY

1.Describe the difference between positive and negative values. Draw an image to support your explanation.	2.If you deposit $36.50 dollars, withdraw $10.98 dollars and deposit $4.42 dollars, how much money is in the account?
3. If the temperature started at 12 degrees and drops 2½ degrees every hour. What is the temperature after 6 hours?	4. List four sets of zero pairs using two digit values.

TUESDAY

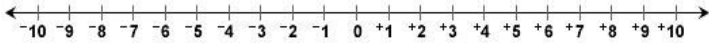|	
1. Describe what happens when we add a number and it's opposite. Use a visual to justify your response.	2. If the temperature is -12 ¼ degrees and rises to 22 ¾ degrees, what is the difference in the temperatures?
3. Draw a number line to represent the numeric expression. -5.96 + 4.43 = ← -10 -9 -8 -7 -6 -5 -4 -3 -2 -1 0 +1 +2 +3 +4 +5 +6 +7 +8 +9 +10 → -5.96 - 4.43 = ← -10 -9 -8 -7 -6 -5 -4 -3 -2 -1 0 +1 +2 +3 +4 +5 +6 +7 +8 +9 +10 →	4. Use counters to represent the following: -5.96 + 4.43 = -5.96 - 4.43 =

Name: _____ v.HONORS

WEDNESDAY

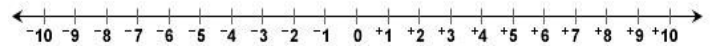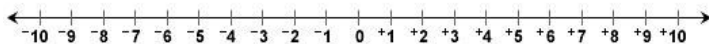| 1. Describe what happens when we add a negative number and another negative value.	2. If the temperature is -50 degrees and rises to 20.25 degrees, what is the difference in the temperatures.
3. Use the number line to represent the numeric expression. -6 + 10 = $\overset{\longleftrightarrow}{\underset{\text{-10 -9 -8 -7 -6 -5 -4 -3 -2 -1 0 +1 +2 +3 +4 +5 +6 +7 +8 +9 +10}}{\rule{0pt}{0pt}}}$	4. Use the number line to represent the numeric expression. -6 - 10 = $\overset{\longleftrightarrow}{\underset{\text{-10 -9 -8 -7 -6 -5 -4 -3 -2 -1 0 +1 +2 +3 +4 +5 +6 +7 +8 +9 +10}}{\rule{0pt}{0pt}}}$

THURSDAY

1. If your account has a negative balance of $75.63 and you deposit $125, how much money remains in the account?	2. If the temperature is 25 degrees and drops 50 degrees, what is the difference in the temperatures.
3. Use the number line to represent the numeric expression. -7 + 2 = $\overset{\longleftrightarrow}{\underset{\text{-10 -9 -8 -7 -6 -5 -4 -3 -2 -1 0 +1 +2 +3 +4 +5 +6 +7 +8 +9 +10}}{\rule{0pt}{0pt}}}$	4. Use the number line to represent a numeric expression. -7 - 2 = $\overset{\longleftrightarrow}{\underset{\text{-10 -9 -8 -7 -6 -5 -4 -3 -2 -1 0 +1 +2 +3 +4 +5 +6 +7 +8 +9 +10}}{\rule{0pt}{0pt}}}$