Week 1 Pre-Algebra Assignment:

Day 1: pp. 4-5 #1-42
Day 2: pp. 8-9 #1-30, 38-47
Day 3: pp. 12-13 #3-35, 49-58
Day 4: pp. 18-19 #1-22, 29-39 odd, 57-66

Notes on Assignment:

Pages 4-5:

Work to show:
   #1-4: Draw a single number line and put all 4 points on.
   #12-42: Answers only

#1-4: Draw a single number line and put all 4 points on it. Label each point separately.

#12-17: Remember that the number on the left on the number line in the smaller number.
   With the symbols < and > remember that it always points to the smaller number.

#18-23: To list them using symbols from least to greatest it will look like this: 2<3<4

#24-27: Only one number can go into the absolute value "tub" at a time, so do any
   calculations inside of the absolute value brackets to get it down to a single number
   before "cleaning" off any negative sign.

#28-31: To list them using symbols from greatest to least it will look like this: 4>3>2

Pages 8-9:

Work to show:
   #1-3: Draw a separate number line for each problem.
   #4-27: Show any calculations needed.
   #28-30: Write the equation and then the answer.
   #38-47: Answers only

Notes for Adding Integers:
- When adding 2 numbers with the same sign, add their absolute values. The
  sign on the answer is the same as the sign on the original numbers.
- When adding a negative number and a positive number, subtract their
  absolute values. The sign on the answer is the same as the sign on the
  number whose absolute value was greater.

#22-27: Add all of the negative numbers together and all of the positive numbers together. Then add the resulting single negative and positive number together for the sum.

Page 12-13:

Work to show:
> #3-14: Write the problem as addition.
> #15-30: Write the problem as addition, then write the answer. Show any calculations needed.
> #31-35: Write the equation represented by the problem and then the answer.
> #49-58: Answers only

Notes for Subtracting Integers:
- When subtracting integers, write the problem as addition, and then add as you did in the previous section.
- ***To subtract a number, add its opposite!***
    "-" becomes "+ -" and "- -" becomes "+"
- Add 2 marks to change subtraction to addition

#3-14: You do not need to calculate these, just write as addition.

#15-30: Write all of these problems as addition, then do the calculation.

#31-35: Look for words that tell you that the value is going up or down. That will help determine whether to add or subtract.

Page 18-19:

Work to show:
> #1-22: Answers only
> #29-39: Show any calculations for 2-digit multiplication
> #57-66: Answers only

Notes for Multiplying Integers:
- The product of an <u>even</u> number of negatives is <u>positive</u>.
- The product of an <u>odd</u> number of negatives is <u>negative</u>.