Short answer/written

6.1 Solving equations using models. $\Big\}$ 2 questions
  – balance scales
  – algebra tiles

6.2/ Solving equations using algebra
6.3
     ex. $2x - 3 = 10$ $\Big\}$ solve for the
           $\frac{x}{5} + 2 = 27$ $\Big\}$ variable.

   – whatever operation you do to one side
     you must do to the other.

   – be careful with negative signs

6.4/ → solving equations using the distributive
6.5   property

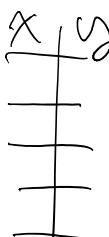 $a(b+c) = ab + ac$

   * NEGATIVE SIGNS ARE VERY IMPORTANT
     TO WATCH OUT FOR *

     ex. $-2(3 - x) = 2$

           $(-2)(3) + (-2)(-x) = 2$

           $-6 + 2x = 2$ etc......

	3	$-x$
-2	-6	$2x$

⊕

6.6 Creating a Table of values.
  – create and fill out a table of values
  – use substitution to find an x or y
     coordinate. (x, y)

x	y

coordinate. (x, y)

ex. $y = 3x + 5$ $(1, y) \rightarrow$ find the y-value

- ordered pair meaning
- relation $\rightarrow$ how are x and y related?

6.7 Graphing relations
- know how to set up a proper graph
  $\rightarrow$ axis, scale, title, plotting coordinate points.
  $\rightarrow$ graphing linear relations (straight lines)

Assignment for today : p. 371-373 Unit Review
choose odd or even numbered
questions. Due Wednesday
$\rightarrow$ If you have extra time try the
practice test on page 374-375