After having read the chapter *pencil in hand* and done this HOMEWORK:

**i.** What’s *the* most important *idea* in the *CHAPTER?* Be *brief* and *specific.*

**ii.** What from this *CHAPTER* will you need to work on for the *EXAM?*

a.

b.

c.
Hw 6-1. Find the name of the solution subset of the equation in Dollars
\[ x + 122.5 = +71.5 \]

a. \{+194.\}  b. −51.0  c. \{−51.0\}  d. 194  

Hw 6-2. Find the graph of the solution subset of the inequation in Dollars
\[ x + 3.92 < +3.98 \]

Hw 6-3. Find the graph of the solution subset of the inequation in Dollars
\[ x − 31.07 < −31.67 \]

Hw 6-4. Find the graph of the solution subset of the inequation in Dollars
\[ x − 3.48 > −68.08 \]
HW 6-5. Find the graph of the solution subset of the inequation in Dollars

\[ x + 2.14 \leq 3.89 \]

a. 

\[ -\infty \]

\[ -71.56 \]

\[ +\infty \]

b. 

\[ -\infty \]

\[ -64.60 \]

\[ +\infty \]

c. 

\[ -\infty \]

\[ -64.60 \]

\[ +\infty \]

d. 

\[ -\infty \]

\[ -71.56 \]

\[ +\infty \]

e. None of the previous choices

HW 6-6. Find the graph of the solution subset of the inequation in Dollars

\[ x - 3.48 > -68.08 \]

a. 

\[ -\infty \]

\[ +1.75 \]

\[ +\infty \]

b. 

\[ -\infty \]

\[ +1.75 \]

\[ +\infty \]

c. 

\[ -\infty \]

\[ +1.75 \]

\[ +\infty \]

d. 

\[ -\infty \]

\[ +1.75 \]

\[ +\infty \]

e. None of the previous choices
Hw 6-7. Find the graph of the solution subset of the inequation in Dollars

\[ x + 17.04 \geq 16.98 \]

Hw 6-8. Find the graph of the solution subset of the inequation in Dollars

\[ +1.17x < +2.34 \]
Hw 6-9. Find the name of the solution subset of the inequation in Dollars $-23.16 x \leq +69.48$

a. ($-\infty, -3.$]  b. ($-\infty, +3.$]  c. $[-3, +\infty)$  d. $[+3, +\infty)$

e. None of the previous choices

Hw 6-10. Find the graph of the solution subset of the inequation in Dollars $-2x \leq -1.2$

a. $-\infty$ to $+\infty$ with $+0.6$

b. $-\infty$ to $+\infty$ with $-0.6$

c. $-\infty$ to $+\infty$ with $-0.6$

d. $-\infty$ to $+\infty$ with $+0.6$

e. None of the previous choices

Hw 6-11. Find the graph of the solution subset of the equation in Dollars $-36.24 x \leq -18.12$

a. $-\infty$ to $+\infty$ with $+0.5$

b. $-\infty$ to $+\infty$ with $-0.5$

c. $-\infty$ to $+\infty$ with $-0.5$

d. $-\infty$ to $+\infty$ with $+0.5$

e. None of the previous choices
Hw 6-12. Find the graph of the solution subset of the inequation in Dollars

\[-7.71x > +2.57\]

a. 

\[-\infty \quad -0.33 \quad +\infty\]

b. 

d. 

e. None of the previous choices

Hw 6-13. Find the graph of the solution subset of the equation in Dollars

\[+39.21x > -13.07\]

a. 

\[-\infty \quad +0.33 \quad +\infty\]

b. 

c. 

d. 

e. None of the previous choices

Hw 6-14. Find the graph of the solution subset of the inequation in Dollars

\[+7x \geq -17.01\]
Hw 6-15. Find the graph of the solution subset of the inequation in Dollars

\[-6.51x \neq +19.53\]

e. None of the previous choices