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

i. What was the most important *idea* in the chapter? Be very *specific*.

ii. What question(s), if any, would you not be able to do on the EXAM?

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Hw 4-1. Execute $-3 \oplus +7$

a. +4    b. −4    c. −10    d. +10

Hw 4-2. Execute $+3 \oplus −7$

a. +4    b. −4    c. −10    d. +10

Hw 4-3. Execute $-3 \oplus −7$

a. +4    b. −4    c. −10    d. +10

Hw 4-4. Execute $-3 \ominus +7$

a. +4    b. −4    c. −10    d. +10

Hw 4-5. Execute $+3 \ominus −7$

a. +4    b. −4    c. −10    d. +10

Hw 4-6. Execute $-3 \ominus −7$

a. +4    b. −4    c. −10    d. +10

Hw 4-7. What is the change from $-3$ to $+7$

a. +4    b. −4    c. −10    d. +10

Hw 4-8. What is the change from $-3$ to $-7$

a. +4    b. −4    c. −10    d. +10

Hw 4-9. On Tuesday your balance was three hundred forty-three dollars and fifty-eight cents in the red and on Friday your balance was seventy-two dollars and thirteen cents in the black. What is the signed number-phrase that represents the change in your balance from Tuesday to Friday?
a. $-415.71 \text{ Dollars}$  

b. $+271.45 \text{ Dollars}$  

c. $+415.71 \text{ Dollars}$  

d. $-271.45 \text{ Dollars}$  

e. None of the previous choices

**Hw 4-10.** Your balance was one hundred forty-five dollars and thirty-eight cents in the red and you made an six hundred seventy-six dollars and twenty-two cents withdrawal. What is the signed number-phrase that represents your new balance?

a. $+821.60 \text{ Dollars}$  

b. $-530.84 \text{ Dollars}$  

c. $+530.84 \text{ Dollars}$  

d. $-821.60 \text{ Dollars}$  

e. None of the previous choices

**Hw 4-11.** Your balance was one hundred eighty-six dollars and thirty-eight cents in the red and you made an nine hundred eighty-six dollars and eleven cents deposit. What is the signed number-phrase that represents your new balance?

a. $+799.73 \text{ Dollars}$  

b. $-952.49 \text{ Dollars}$  

c. $+952.49 \text{ Dollars}$  

d. $-799.73 \text{ Dollars}$  

e. None of the previous choices

**Hw 4-12.** What is the *distance between* $-332.71 \text{ Dollars}$ and $+74.46 \text{ Dollars}$

a. $-407.17 \text{ Dollars}$  

b. $+258.25 \text{ Dollars}$  

c. $407.17 \text{ Dollars}$  

d. $-258.25 \text{ Dollars}$  

e. None of the previous choices

**Hw 4-13.** Plot the number phrase(s) that is/are at a 3 Dollars distance from $-1 \text{ Dollars}$.

a. ![Graph a]

b. ![Graph b]

c. ![Graph c]

d. ![Graph d]

e. None of the previous choices
Hw 4-14. Identify the specifying-phrase \((+116.72) \oplus (-54.07)\)

a. +62.65  b. +170.79  c. −62.65  d. −170.79  
   e. None of the previous choices

Hw 4-15. Identify the specifying-phrase \(−496.81 \ominus -52.59\)

a. −549.4  b. −444.22  c. +549.4  d. +444.22  
   e. None of the previous choices

Hw 4-16. Identify \(3 - 7 - 4 + 1 - 3 + 5 - 3 - 2 + 1 + 6 + 1 - 5 + 2\)

a. +3  b. −8  c. +8  d. 0  
   e. None of the previous choices

Hw 4-17. What should you add to \(−5\) Dollars in order to get \(−7\) Dollars?

a. −12 Dollars  b. +2 Dollars  c. −2 Dollars  d. +12 Dollars  
   e. None of the previous choices

Hw 4-18. What should you subtract from \(−5\) Dollars in order to get \(+9\) Dollars?

a. −4 Dollars  b. +14 Dollars  c. −14 Dollars  d. +4 Dollars  
   e. None of the previous choices