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 5-1. Identify the specifying-phrase \([4 \text{ Apples}] \times [2 \frac{\text{Dimes}}{\text{Apple}}]\)

a. 8  
b. 8 Apples  
c. 8 Dimes  
d. Cannot multiply Apples by Dimes  
e. None of the previous choices

Hw 5-2. Identify the specifying-phrase \([-4 \text{ Apples}] \times [2 \frac{\text{Dimes}}{\text{Apple}}]\)

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

Hw 5-3. Identify the specifying-phrase \([+4 \text{ Apples}] \times [-2 \frac{\text{Dimes}}{\text{Apple}}]\)

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

Hw 5-4. Identify the specifying-phrase \([+4 \text{ Apples}] \times [+2 \frac{\text{Dimes}}{\text{Apple}}]\)

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

Hw 5-5. Identify the specifying-phrase \([-4 \text{ Apples}] \times [-2 \frac{\text{Dimes}}{\text{Apple}}]\)

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

Hw 5-6. Given the following “events”

Jack’s “event” = \([-4 \text{ Apples}] \times [+3 \frac{\text{Dimes}}{\text{Apple}}]\)

and

Jill’s “event” = \([+2 \text{ Bananas}] \times [-5 \frac{\text{Dimes}}{\text{Banana}}]\),

which of the following comparison sentences is TRUE?

a. Jack’s “event” > Jill’s “event”  
b. Jack’s “event” < Jill’s “event”  
c. Jack’s “event” is smaller in size than Jill’s “event”  
d. Cannot compare Apples and Bananas  
e. None of the previous choices

Hw 5-7. Given the following “events”

Jack’s “event” = \([+3 \text{ Apples}] \times [-5 \frac{\text{Dimes}}{\text{Apple}}]\)

and

Jill’s “event” = \([-2 \text{ Bananas}] \times [-5 \frac{\text{Dimes}}{\text{Banana}}]\),
which of the following comparison sentences is TRUE?

a. Jack’s “event” > Jill’s “event”  
b. Jack’s “event” ≥ Jill’s “event”  
c. Jack’s “event” is larger in size than Jill’s “event”  
d. Cannot compare Apples and Bananas  
e. None of the previous choices

Hw 5-8. Given the following “events”

Jack’s “event” = \([+6 \text{ Apples}] \times [-3 \text{ Dimes} \text{ Apple}]\)

and

Jill’s “event” = \([-2 \text{ Apples}] \times [+4 \text{ Dimes} \text{ Apple}]\),

which of the following comparison sentences is TRUE?

a. Jack’s “event” > Jill’s “event”  
b. Jack’s “event” < Jill’s “event”  
c. Jack’s “event” ≥ Jill’s “event”  
d. Jack’s “event” is smaller in size than Jill’s “event”  
e. None of the previous choices

Hw 5-9. Given the following “events”

Jack’s “event” = \([-3 \text{ Apples}] \times [+7 \text{ Dimes} \text{ Apple}]\)

and

Jill’s “event” = \([-4 \text{ Apples}] \times [-8 \text{ Dimes} \text{ Apple}]\),

which of the following comparison sentences is TRUE?

a. Jack’s “event” > Jill’s “event”  
b. Jack’s “event” < Jill’s “event”  
c. Jack’s “event” ≥ Jill’s “event”  
d. Jack’s “event” is larger in size than Jill’s “event”  
e. None of the previous choices

Hw 5-10. Given the following “events”

Jack’s “event” = \([-4 \text{ Apples}] \times [+6 \text{ Dimes} \text{ Apple}]\)

and

Jill’s “event” = \([-5 \text{ Apples}] \times [-3 \text{ Dimes} \text{ Apple}]\),

identify the specifying-phrase Jack’s “event” ⊕ Jill’s “event”.

a. −9 Dimes  
b. +9 Dimes  
c. −39 Dimes  
d. Cannot add Apples and Bananas  
e. None of the previous choices

Hw 5-11. Given the following “events”

Jack’s “event” = \([-2 \text{ Apples}] \times [-7 \text{ Dimes} \text{ Apple}]\)
and
Jill’s “event” = [+4 Apples] × [+5 Dimes],
identify the specifying-phrase the specifying-phrase Jack’s “event” ⊕ Jill’s “event’.

a. −6 Dimes  b. +6 Dimes  c. −34 Dimes  d. Cannot add Apples and Bananas
e. None of the previous choices

Hw 5-12. Given the following “events”

Jack’s “event” = [−4 Apples] × [+6 Dimes]

and

Jill’s “event” = [−5 Apples] × [−3 Dimes],
identify the specifying-phrase Jack’s “event” ⊕ Jill’s “event’.

a. −9 Dimes  b. +9 Dimes  c. −39 Dimes  d. +39 Dimes
e. None of the previous choices

Hw 5-13. Identify the specifying phrase

[+5 Apples] × [−4 Dimes] ⊕ [+7 Bananas] × [+2 Dimes]

a. −6 Dimes  b. +6 Dimes  c. −34 Dimes  d. Cannot add Apples and Bananas
e. None of the previous choices

Hw 5-14. Given the following “events”

Jack’s “event” = [−4 Apples] × [+6 Dimes]

and

Jill’s “event” = [−5 Bananas] × [−3 Dimes],
identify the specifying-phrase Jack’s “event” ⊕ Jill’s “event’.

a. −9 Dimes  b. +9 Dimes  c. −39 Dimes  d. +39 Dimes
e. None of the previous choices

Hw 5-15. Identify the specifying phrase:

[+7 Apples] × [−5 Dimes] ⊕ [+7 Bananas] × [−5 Dimes]

a. −5 Dimes  b. +5 Dimes  c. −65 Dimes  d. Cannot subtract Apples from Bananas
e. None of the previous choices