After having read this chapter pencil in hand and done this REALITY CHECK

i. What would you say the idea of this chapter is:

ii. What question(s) do you have about this chapter:
Hw 10-1. Identify the specifying-phrase \([4 \text{ Apples}] \times [2 \text{ Dimes} \over \text{Apple}]\)

Your Work:

i. Explain your reasoning in getting your result.

ii. Circle which of the following choices matches exactly what you got above.

a. 8  b. 8 apples  c. 8 dimes  d. Cannot multiply Apples by Dimes  
   e. None of the above four choices

iii. Check on the front page the box that corresponds to your choice thus \(X\).

Hw 10-2. Identify the specifying-phrase \([-4 \text{ Apples}] \times [-2.23 \text{ Dimes} \over \text{Apple}]\)

Your Work:

i. Explain your reasoning in getting your result.

ii. Circle which of the following choices matches exactly what you got above.
a. $-8$  

b. $+8$  

c. $-8$ Dimes  

d. Cannot be done  

e. None of the above four choices  

iii. Check on the front page the box that corresponds to your choice thus $\bigcirc$.  

\textit{Hw 10-3.} Identify the specifying-phrase $[+4 \text{ Apples}] \times [-2 \frac{\text{Dimes}}{\text{Apple}}]$  

Your Work:  

i. Explain your reasoning in getting your result.  

ii. Circle which of the following choices matches exactly what you got above.  

a. $-8$  

b. $+8$  

c. $-8$ Dimes  

d. $+8$ Dimes  

e. None of the above four choices  

iii. Check on the front page the box that corresponds to your choice thus $\bigcirc$.  

\textit{Hw 10-4.} Identify the specifying-phrase $[+4 \text{ Apples}] \times [+2 \frac{\text{Dimes}}{\text{Apple}}]$  

Your Work:  

i. Explain your reasoning in getting your result.
ii. Circle which of the following choices matches exactly what you got above.

   a. $-8$  b. $+8$  c. $-8$ Dimes  d. $+8$ Dimes  
e. None of the above four choices

iii. Check on the front page the box that corresponds to your choice thus \[ \checkmark \].

\[ Hw \, 10-5. \] Identify the specifying-phrase \[-4 \text{ Apples} \times \left[ -2 \frac{\text{Dimes}}{\text{Apple}} \right] \]

**Your Work:**

i. Explain your reasoning in getting your result.

ii. Circle which of the following choices matches exactly what you got above.

   a. $-8$  b. $+8$  c. $-8$ Dimes  d. $+8$ Dimes  
e. None of the above four choices

iii. Check on the front page the box that corresponds to your choice thus \[ \checkmark \].
Hw 10-6. Given the following “events”

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

and

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

which of the following comparison sentences is TRUE?

**Your Work:**

i. Explain your reasoning in getting your result.

ii. Circle which of the following choices matches exactly what you got above.

   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 above four choices

iii. Check on the front page the box that corresponds to your choice thus [X].

Hw 10-7. Given the following “events”

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

and

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

which of the following comparison sentences is TRUE?

**Your Work:**

i. Explain your reasoning in getting your result.
ii. Circle which of the following choices matches exactly what you got above.

   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 above four choices

iii. Check on the front page the box that corresponds to your choice thus [X].


Hw 10-8. Given the following “events”

   Jack’s “event” = [ +6 Apples] × [ −3 \text{ Dimes/Apple}] 

   and

   Jill’s “event” = [ −2 Apples] × [ +4 \text{ Dimes/Apple}],

   which of the following comparison sentences is TRUE?


Your Work:

i. Explain your reasoning in getting your result.

ii. Circle which of the following choices matches exactly what you got above.
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 above four choices

iii. Check on the front page the box that corresponds to your choice thus X.

**Hw 10-9.** Given the following “events”

Jack’s “event” = $[-3 \text{ Apples}] \times [7 \text{ Dimes}]$  
and  
Jill’s “event” = $[-4 \text{ Apples}] \times [-8 \text{ Dimes}]$,  
which of the following comparison sentences is true?

Your Work:

i. Explain your reasoning in getting your result.

ii. Circle which of the following choices matches exactly what you got above.

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 above four choices

iii. Check on the front page the box that corresponds to your choice thus X.

**Hw 10-10.** Given the following “events”

Jack’s “event” = $[-4 \text{ Apples}] \times [6 \text{ Dimes}]$  
and  
Jill’s “event” = $[-5 \text{ Apples}] \times [-3 \text{ Dimes}]$, 


identify the specifying-phrase Jack’s “event” $\oplus$ Jill’s “event’.

**Your Work:**

i. Explain your reasoning in getting your result.

ii. Circle which of the following choices matches exactly what you got above.

- a. $-9$ Dimes
- b. $+9$ Dimes
- c. $-39$ Dimes
- d. Cannot add **Apples** and **Bananas**
- e. None of the above four choices

iii. Check on the front page the box that corresponds to your choice thus $\blacksquare$.

**HW 10-11.** Given the following “events”

Jack’s “event” = $[-2 \text{ Apples}] \times [-7 \text{ Dimes \over Apple}]$

and

Jill’s “event” = $[+4 \text{ Apples}] \times [+5 \text{ Dimes \over Apple}]$,

identify the specifying-phrase the specifying-phrase Jack’s “event” $\oplus$ Jill’s “event’.

**Your Work:**

i. Explain your reasoning in getting your result.
ii. Circle which of the following choices matches exactly what you got above.

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

iii. Check on the front page the box that corresponds to your choice thus [X].