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 2-1. Given the collection

how do we represent it in ARITHMETIC?

Your Work:

i. Explain your reasoning in getting your result.

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

   a. /////// Washington       b. ///////,       c. Seven Washingtons       d. Seven one-dollar bills
   e. None of the preceding

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

HW 2-2. Given the slash number-phrase

   /////////////////////////////////////////////////////////////////////////////////////////////// Washingtons

what is the corresponding digital number-phrase?

Your Work:

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

a. 54 Washingtons    b. 56 Washingtons    c. 57 Washingtons    d. 61 Washingtons
    e. None of the preceding

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

**HW 2-3.** The collection

\[
\begin{array}{c}
\includegraphics[width=0.2\textwidth]{dollars.png}
\end{array}
\]

is represented by the *counting number-phrase*

**Your Work:**

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

a. /////// Washingtons  
b. 7 Washingtons  
c. Seven Washingtons  
d. Seven  
e. None of the preceding  

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

_Hw 2-4._ The following

[Diagram of a line with numbers 0 to 9 and an arrow pointing to the right labeled "Apples"]

is a picture of?

**Your Work:**

i. Explain your reasoning in getting your result.

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

a. Six apples  
b. 6 Apples  
c. 6 Apples  
d. 6 apples  
e. None of the preceding  

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

_Hw 2-5._ Say the following is on a desk
What should we write in ARITHMETIC as an answer to the question “What is on the desk”?

Your Work:

i. Explain your reasoning in getting your result.

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

   a. Six apples  
   b. 6 Apples  
   c. Six  
   d. 6  
   e. None of the preceding

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

   Hw 2-6. Say the following is on a desk

   ![Apples]

   What would we write in ARITHMETIC as an answer to the question “How many apples are on the desk”?

   Your Work:

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

   a. Six apples   b. 6 Apples   c. Six   d. 6
   e. None of the preceding

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

HW 2-7. Say the following is on a desk

What should we write in ARITHMETIC as an answer to the question “What is on the desk”?

Your Work:

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

   a. seven        b. 7        c. 4 Apples & 3 Carrots       d. 7 Things
   e. None of the preceding

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

\[ \text{Hw 2-8. Given the combination of basic counting number-phrases} \]
\[ 7 \text{ Washingtons} \& 9 \text{ Cleveland} s \& 2 \text{ Franklins} \]
\[ \text{rewrite it as a tabular number-phrase:} \]

Your Work:

i. Explain your reasoning in getting your result.

ii. Circle which of the following choices matches exactly what you got above.
i. Check on the front page the box that corresponds to your choice thus [X].

**Hw 2-9.** Given the *tabular number-phrase*

<table>
<thead>
<tr>
<th>Cleveland</th>
<th>Franklins</th>
<th>Hamiltons</th>
<th>Washingtons</th>
</tr>
</thead>
<tbody>
<tr>
<td>7</td>
<td>8</td>
<td>3</td>
<td></td>
</tr>
</tbody>
</table>

rewrite it as a *combination of basic counting number-phrases*:

**Your Work:**

i. Explain your reasoning in getting your result.

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

a. 7 Franklins & 8 Hamiltons & 3 Washingtons     b. 7 Cleveland & 3 Washingtons & 8 Franklins
   c. 3 Hamiltons & 8 Franklins & 7 Cleveland    d. 3 Washingtons & 8 Hamiltons & 7 Cleveland
   e. None of the preceding

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

**Hw 2-10.** Given the *tabular number-phrase*

<table>
<thead>
<tr>
<th>Cleveland</th>
<th>Franklins</th>
<th>Hamiltons</th>
<th>Washingtons</th>
</tr>
</thead>
<tbody>
<tr>
<td>2</td>
<td>8</td>
<td>4</td>
<td></td>
</tr>
</tbody>
</table>
rewrite it as a *decimal number-phrase* with *Franklins* as select denominator:

**Your Work:**

i. Explain your reasoning in getting your result.

![Blank space for response]

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

<table>
<thead>
<tr>
<th>a. 2.84 Franklins</th>
<th>b. 20.84 Franklins</th>
<th>c. 28.4 Franklins</th>
<th>d. 284. Franklins</th>
</tr>
</thead>
<tbody>
<tr>
<td></td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td>e. None of the preceding</td>
<td></td>
<td></td>
<td></td>
</tr>
</tbody>
</table>

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

**HW 2-11.** Given the *tabular number-phrase*

<table>
<thead>
<tr>
<th></th>
<th>Cleveland's</th>
<th>Franklins</th>
<th>Hamiltons</th>
<th>Washingtons</th>
</tr>
</thead>
<tbody>
<tr>
<td></td>
<td>7</td>
<td>3</td>
<td></td>
<td></td>
</tr>
</tbody>
</table>

rewrite it as a *decimal number-phrase* with 3 as pointed digit.

**Your Work:**

i. Explain your reasoning in getting your result.

![Blank space for response]
ii. Circle which of the following choices matches exactly what you got above.

a. 73. Clevelandss b. 73. Franklins c. 73. Hamiltons d. 73. Washingtons
e. None of the preceding

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

**HW 2-12.** Given the *decimal number-phrase* 0.07 *Franklins*, rewrite it as a *tabular number-phrase*:

Your Work:

i. Explain your reasoning in getting your result.

ii. Circle which of the following choices matches exactly what you got above.
<table>
<thead>
<tr>
<th>a.</th>
<th>Cleveland</th>
<th>Franklins</th>
<th>Hamiltons</th>
<th>Washingtons</th>
</tr>
</thead>
<tbody>
<tr>
<td>7</td>
<td></td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td>c.</td>
<td>Cleveland</td>
<td>Franklins</td>
<td>Hamiltons</td>
<td>Washingtons</td>
</tr>
<tr>
<td>7</td>
<td></td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td>d.</td>
<td>Cleveland</td>
<td>Franklins</td>
<td>Hamiltons</td>
<td>Washingtons</td>
</tr>
<tr>
<td></td>
<td></td>
<td></td>
<td></td>
<td>7</td>
</tr>
<tr>
<td>e.</td>
<td>None of the preceding</td>
<td></td>
<td></td>
<td></td>
</tr>
</tbody>
</table>

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

**HW 2-13.** Given the decimal number-phrase 0.07 Franklins, rewrite it with Washingtons as select denominator:

**Your Work:**

i. Explain your reasoning in getting your result.

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

   a. 70. Washingtons    b. 0.7 Washingtons    c. 700. Washingtons    d. 7. Washingtons
   e. None of the preceding

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