MATH **017** HOMEWORK 1   NAME: _____

_____

Response Grid (Check the appropriate boxes thus: ☒)

Question	a	b	c	d	e
1					
2					
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4					
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10					
11					
12					
13					
14					

The idea in this HOMEWORK is

Hw **1-1.** What represents in ARITHMETIC the real-world collection

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 **Washington**   **b.** 7   **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 ☒..

Hw **1-2.** What does the number-phrase 7 **Washington** represent in the real-world?

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.**   **c.** Seven **Washingtons**   **d.** Money
e. None of the preceding

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

Hw **1-3.** Say the following is on a desk

What answer is given in ARITHMETIC 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 ☒..

Hw **1-4.** Say the following is on a desk

What answer is given in ARITHMETIC to the question "How many items 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 ☒..
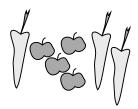
Hw **1-5.** Say the following is on a desk

What answer is given in ARITHMETIC to the question "What kind of items 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. apples   **b.** 6 **Apples**   **c.** Six apples   **d. Apples**
    e. None of the preceding

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

Hw **1-6.** For which single *number-phrase*, if any, can the *combination*

$$3 \ \textsf{Cents} \ \& \ 5 \ \textsf{Hamiltons} \ \& 2 \ \textsf{Washingtons}$$

be changed for?

Your Work:

i. Explain your reasoning in getting your result.

___

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

    a. Cannot be changed for a single *number-phrase*.   **b.** 52.03 **Hamiltons**   **c.** 52.03 **Cents**
    d. 52.03 **Washingtons**
    e. None of the preceding

iii. Check on the front page the box that corresponds to your choice thus ☒..
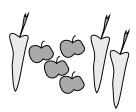
Hw **1-7.** Say the following is on a desk

What answer is given in ARITHMETIC 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.** Seven things   **d.** 7 things
    e. None of the preceding

iii. Check on the front page the box that corresponds to your choice thus ☒..
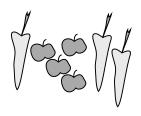
Hw **1-8.** Say the following is on a desk

What answer is given in ARITHMETIC to the question "How many items 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. seven   **b.** 7   **c.** Seven things   **d.** 7 **Things**
    e. None of the preceding

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

Hw **1-9.** Say the following is on a desk

What answer is given in ARITHMETIC to the question "What kind of items 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. apples   **b.** 7   **c.** carrots   **d.** 7 vegetables
    e. None of the preceding

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

      Hw **1-10.** What represents in ARITHMETIC the lone item

Your Work:

i. Explain your reasoning in getting your result.

_____

_____

_____

_____

_____

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

    a. A dollar   **b.** 1   **c. Washington**   **d.** 1 **Washington**
    e. None of the preceding

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

Hw **1-11.** Draw the *graph* that corresponds to the *number phrase* 6 **Apples**
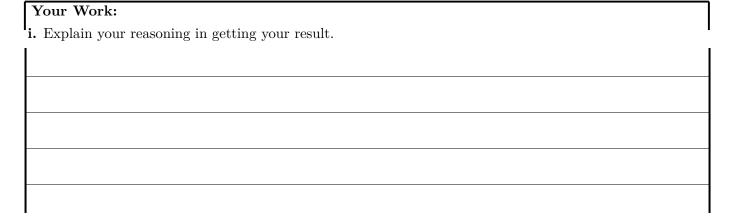
Your Work:

i. Explain your reasoning in getting your result.

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

a.
```
 0   1   2   3   4   5   6   7   8   9
```

b. Apples

c. Apples
```
 0   1   2   3   4   5   6   7   8   9
```

d. **Apples**
```
 0   1   2   3   4   5   6   7   8   9
```
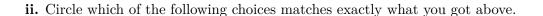
e. None of the preceding

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

Hw **1-12.** Write in Arithmetic what corresponds to the following *graph*?

Apples
```
 0   1   2   3   4   5   6   7   8   9
```

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   **b.** 6 **Apples**   **c.** seven apples   **d.**
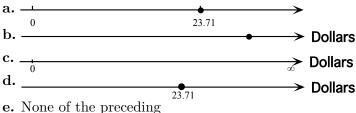
    e. None of the preceding

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

Hw **1-13.** Draw the *graph* that corresponds to the *number phrase* 23.71 **Dollars**

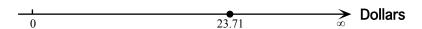**Your Work:**

i. Explain your reasoning in getting your result.

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

    e. None of the preceding

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

Hw **1-14.** How do we represent in ARITHMETIC what corresponds in the real world to the following *graph*:

12

Your Work:

i. Explain your reasoning in getting your result.

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

    a. 23.71

    b. Twenty-three dollars and seventy-one cents

    c. 23.71 **Dollars**

    d. **Dollars**

    e. None of the preceding

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