NAME\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_

**HW #8** Nov.4**,** Unit 2, Tri 1

**2nd**  FEEDBACK FROM TEACHER:

Please Correct Mistakes

Please Reflect on Your Work

Please Show Work on Redo

LATE  If you were absent, write “Absent” here:

DUE Wed., Nov.6

FIRST FEEDBACK FROM TEACHER:

 SHOW WORK PLEASE NEATER PLEASE

 WRITE TIME SPENT PLEASE CORRECT

 LEVEL 3  *\_\_\_\_\_* *( √, √+, or √++)*

**FEEDBACK FROM STUDENT:**

***1. Time Limit:***  This homework took

 $\leq $20 Minutes MORE Than 20 Minutes, because \_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_

***2. How I feel about this HW:***

 LEVEL 1:    because \_\_\_\_\_\_\_

 LEVEL 2:    because \_\_\_\_\_\_\_

LEVEL 3:   because \_\_\_\_\_\_\_

**LEVEL ONE – Making Meaning**

Improper

fraction:

Mixed

number:

**#1**. Solve by drawing $\left(1\frac{3}{8}x 2\right)-\left( \frac{3}{4} x 2\right) $

Draw $1\frac{3}{8}$ twice, then cross out TWO sets of $\frac{3}{4}$ . *(cross out 3/4 once, and then do it again!)*

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**Level Two**

#2. FIND THE SUM, using any method.

Answer

1 + 2 + 3 + 4 + 5 + ….. + 77 + 78 + 79 + 80 = \_\_\_\_\_\_\_

#3. Alpha has $2\frac{1}{2}$ as much money as Beta. Gamma has one dollar LESS than twice as much money as Alpha. Altogether the 3 people have $84. How much does Alpha have?

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Sentence: *Alpha has…*

**Level 3**

#4. Sofia is ¾ as old as her sister. Together their ages add up to 28 years. In how many years will Sofia be 4/5 as old as her sister?

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Sentence:

#5. 3/10 of the bills in Zachary’s wallet are one-dollar bills. The number of ten-dollar bills is $\frac{2}{3}$ of the number of his one-dollar bills. The number of five-dollar bills is $\frac{3}{2}$ of the number of ten-dollar bills. If the remaining 4 bills are twenty-dollar bills,

1. How many bills does Zachary have? \_\_\_\_\_
2. How much money does Zachary have altogether? \_\_\_\_\_

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**More Level 3 – 2 pzl. Pts. ROMAN NUMERALS**

Roman numerals are expressed by letters of the alphabet:

|  |
| --- |
| I=1 |
| V=5 |
| X=10 |
| L=50 |
| C=100 |
| D=500 |
| M=1000 |

There are 3 basic principles for reading and writing Roman numerals:

1. A letter repeats its value that many times (XXX = 30, CC = 200, etc.). A letter can only be repeated **three** times.

2. If one or more letters are placed after another letter of greater value, **add** that amount.

VI = 6 (5 + 1 = 6)

LXX = 70 (50 + 10 + 10 = 70)

MCC = 1200 (1000 + 100 + 100

 = 1200)

3. If a letter is placed before another letter

 of greater value, **subtract** that amount.

IV = 4 (5 – 1 = 4)

XC = 90 (100 – 10 = 90)

CM = 900 (1000 – 100 = 900)

Write the correct

number next to each

Roman numeral:

1)CDV=\_\_\_\_\_\_\_

2)DLX=\_\_\_\_\_\_\_

3)CML=\_\_\_\_\_\_\_

4)CXXV=\_\_\_\_\_\_\_

5)DLVI=\_\_\_\_\_\_\_

6)DLXXII=\_\_\_\_\_\_\_

7)CLXXIX=\_\_\_\_\_\_\_

8)DCCLXX=\_\_\_\_\_\_\_

9)CMXXXVII=\_\_\_\_\_\_\_ 10)DCLXXXIV=\_\_\_\_\_