HWOO – Weeks 3 & 4: Math Assessment

1. Addition <u>without</u> regrouping. Add:

A) $5,362 + 506 =$ _____

B) $6,542 + 3,050 =$ _____

2. Addition <u>with</u> regrouping. Add:

1.
$$\begin{array}{r} 7\ 3\ 8 \\ +\ \ 6\ 9\ 5 \\ \hline \end{array}$$

2.
$$\begin{array}{r} 8\ 6\ 7 \\ +\ \ 3\ 6\ 7 \\ \hline \end{array}$$

3.
$$\begin{array}{r} 6\ 7\ 9 \\ +\ \ 8\ 4\ 6 \\ \hline \end{array}$$

4.
$$\begin{array}{r} 5\ 6\ 7 \\ +\ \ 9\ 4\ 8 \\ \hline \end{array}$$

3. Fill in the blanks:

1.

Step 1

$$5,5\overset{1}{3}2$$
$$+\ 2,989$$

Add the ones and regroup the ones.

2 ones + 9 ones

= _____ ones

= _____ ten _____ one

Step 2

$$5,\overset{1}{5}\overset{1}{3}2$$
$$+\ 2,989$$

Add the tens and regroup the tens.

1 ten + 3 tens + 8 tens

= _____ tens

= _____ hundred _____ tens

Step 3

$$\overset{1}{5},\overset{1}{5}\overset{1}{3}2$$
$$+\ 2,989$$

Add the hundreds and regroup the hundreds.

1 hundred + 5 hundreds + 9 hundreds

= _____ hundreds

= _____ thousand _____ hundreds

4. Solve this word problem:

The Boy Scouts collected 2,486 gifts for a children's home.
The Girl Scouts collected 3,787 gifts for a senior center.
How many gifts did they collect in all?

Answer: _____

5. Solve this word problem:

A baker baked 1,464 rolls on Saturday.
He baked 1,867 more rolls on Sunday than on Saturday.
How many rolls did he bake on Sunday?

Answer: _____

6. Subtraction <u>without</u> regrouping. Subtract:

$$\begin{array}{r} 3,987 \\ -\ 1,752 \\ \hline \end{array}$$

$$\begin{array}{r} 5,385 \\ -\ 1,234 \\ \hline \end{array}$$

7. Subtraction <u>with</u> regrouping. Subtract:

$$\begin{array}{r} \cancel{6},\ 0\ \ 0\ \ 0 \\ -\ \ 3,\ 7\ \ 0\ \ 0 \\ \hline \end{array}$$

6 thousands = _____ thousands _____ hundreds

_____ hundreds − 7 hundreds = _____ hundreds

_____ thousands − 3 thousands = _____ thousands

$$\begin{array}{r} \cancel{2},\ 0\ \ 0\ \ 0 \\ -\ \ 1,\ 4\ \ 0\ \ 0 \\ \hline \end{array}$$

2 thousands = _____ thousands _____ hundreds

_____ hundreds − 4 hundreds = _____ hundreds

_____ thousand − 1 thousand = _____ thousands

8. Fill in the blanks:

$$\begin{array}{r} 3,\ \cancel{5}\ \ \cancel{4}\ \ 8 \\ -\ \ 2,\ 1\ \ 7\ \ 5 \\ \hline \end{array}$$

Step 1 8 ones − 5 ones = _____ ones

Step 2 5 hundreds 4 tens

= _____ hundreds _____ tens

Step 3 _____ tens − 7 tens = _____ tens

Step 4 _____ hundreds − 1 hundred

= _____ hundreds

Step 5 3 thousands − 2 thousands

= _____ thousand

9. Subtraction <u>across zeros</u>. Subtract:

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  7, 0  0  5          8, 0  6  0
− 3, 4  6  8        − 2, 3  8  4
───────────        ───────────
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10. Solve this word problem:

A factory produces 8,000 loaves of bread and 6,800 buns a day. How many more loaves of bread than buns does the factory produce in a day?

Answer: _____