Summer Math Review for students entering 6th grade

NAME:_____

Round the following numbers to the underlined place:

1) 237,789,<u>1</u>45   _____

2) <u>6</u>   _____

3) 1, 986,<u>6</u>59,130 _____

4) <u>3</u>45 _____

Find the value.

$10^4 =$ _____

$3 \times 10^3 =$ _____

$(2 \times 6) \times 10^2 =$ _____

Solve.

$$\begin{array}{r} 3,482 \\ \times \quad 5 \\ \hline \end{array}$$
$$\begin{array}{r} 4,584 \\ \times \quad 27 \\ \hline \end{array}$$

$3 \times (23 - 15) + 2$

$4 + [(8 - 3) + (13 - 8)]$

Divide the following: (show work).

1) $4962 \div 42 =$

2) $5785 \div 55 =$

Tell the name of the underlined place(decimals)

1) 22.5678_____   2) 0. 783_____

3) 456.09 _____   4) 2.67_____

Add or Subtract the following decimals: (show work)

1) 2.346 + 18.35=   2) 486. 23 + 34. 89=

3) 35.70 – 12.72=   4) 938.21 – 712.32=

Multiply the following decimals: (show work)

1) 26.1 ✕ 4.6=   2) 39.4 ✕ 8=

Divide the following decimals: (show work)

1) 5.58 ÷ 6=   2) 73.6 ÷ .32=

Add or subtract the following fractions: (show work)

1) 2/5 + 4/15=

2) 2 ½ + 3 1/6=

3) ¾ - 1/6 =

4) 2 4/7 - 1 1/14 =

Multiply the following fractions: (show work)

1) 2/3 × 1/6 =

2) 5/8 × 8/15=

3) 1 2/3 x 3 1/6 =

4) 5 x 2 2/3=

Divide the following fractions: (show work)

1) ½ ÷ 4 =

2) 3 ÷ ¼ =

Word Problems

1. The number of roses Mr. Adams ordered for his store was three times as many as the number of carnations ordered. He ordered a total of 56 flowers. How many roses did Mr. Adams order?

2. Jeremy is training for a race. When he trains, he runs on a path that is 1.25 miles long. Last week, Jeremy ran on the path 7 times. How many miles did Jeremy run on the path last week?

3. The art teacher has a list of 134 students who have signed up for art classes. The art teacher can register 8 students in each class. What is the least number of classes needed for all the students to be registered in a class?

4. A pizza parlor uses 42 tomatoes for each batch of tomato sauce. About how many batches of sauce can the pizza parlor make from its last shipment of 1,236 tomatoes?

5. Ganesh is stacking boxes in a storage room. There are 12 boxes in all. If each box weighs 9.6 pounds, how much do the boxes weigh altogether?