Name: \_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_ Date:\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_

Homeroom Teacher & Number: \_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_

Decimal Test

(42 points)

1. In 46.708, in which place is the 4? \_\_\_\_\_\_\_\_\_\_\_\_
2. In 0.8259, which digit is in the tenths place? \_\_\_\_\_
3. In 6.2498, in which place is the 9? \_\_\_\_\_
4. In 2,563.987, in which place is the 3?

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|  |

Comparing Decimals <, >, = (one point)

1. 8.92 \_\_\_\_\_ 8.9
2. 1.8 \_\_\_\_\_ 1.09
3. .826 \_\_\_\_\_ .9
4. 6.2 \_\_\_\_\_ 5.967
5. 1.20 \_\_\_\_\_ 1.0004
6. .3 \_\_\_\_\_ .30

Adding and Subtracting Decimals (2 points each) (YOU NEED TO SHOW WORK)

1. 1.7 + 0.38 = \_\_\_\_\_\_\_\_\_\_\_\_\_\_\_
2. 2.6 – 0.72 = \_\_\_\_\_\_\_\_\_\_\_\_\_\_\_
3. 12.8 + .02 = \_\_\_\_\_\_\_\_\_\_\_\_\_\_\_
4. 5.36 + 1.44 = \_\_\_\_\_\_\_\_\_\_\_\_\_\_\_
5. 4.03 – 3.37 = \_\_\_\_\_\_\_\_\_\_\_\_\_\_\_

Multiplying and Dividing Decimals (2 points each) (YOU NEED TO SHOW WORK)

1. 1.38 x 0.8 = \_\_\_\_\_\_\_\_\_\_\_\_\_\_
2. 1.6 x 3.7 = \_\_\_\_\_\_\_\_\_\_\_\_\_\_\_
3. 28 x 0.4 = \_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_
4. 6.12 ÷ 4 = \_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_
5. 36.75 ÷ 3 = \_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_
6. 331 ÷ 5 = \_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_

Word Problems. (YOU NEED TO SHOW WORK)

1. A thermos contains 3.12 pints of lemon syrup. 11.6 pints of water are added to the syrup to make lemonade. How much lemonade is made?

Answer: \_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_

1. Harley bought some fabric for $3.50 per yards. If she bought 3 yards, how much did the fabric cost? How much change does she get back if she gives the cashier $20.00?

Answer #1: \_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_ Answer #2: \_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_

1. A pound of regular nails cost $8.75 and a pound of finishing nails cost $9.45. A contractor bought 7 pounds of regular nails and 2 pounds of finishing nails. How much did she pay altogether? (3 steps)

Answer: \_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_

Open Ended Question: (3 points)

Write all three ways you can write 1 divided by four. What is the answer?