

Weekly Homework

Name _____

Monday, October 27

Review from 4th grade.....do you remember?

1. Two ways to decompose $\frac{5}{6}$ are:
 $\frac{1}{6} + \frac{1}{6} + \frac{1}{6} + \frac{1}{6} + \frac{1}{6} = \frac{5}{6}$
 $\frac{3}{6} + \frac{2}{6} = \frac{5}{6}$
 Show all the possible ways to decompose: $\frac{4}{8}$

2. Write **9.567** in expanded form.
 using decimals

using fractions

3. This week Oreo cookies are on sale: 2 packages for \$5. Normally, Oreo cookies cost \$3.29 per package. How much money will Sally save if she buys 4 packages of Oreos this week instead of next week?

4. Draw a model of $\frac{11}{4}$.

$\frac{11}{4}$ is equivalent to _____ because _____

List all the factors for: **28** = _____ **20** = _____

What are the **common factors** of 28 and 20? _____ What is the **Greatest Common Factor** of 28 and 20? _____

Tuesday, October 28

Review from 4th grade.....do you remember?

1. $\frac{7}{12} + \frac{9}{12} = \underline{\hspace{2cm}} = \underline{\hspace{2cm}}$

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Record your answer as an improper fraction and as a mixed number. Are all these sums equivalent? _____ How do you know?

2. \$523.14 less than \$700 is _____.

Think: How could changing \$700 to \$699.99 make this problem easier to solve? What would you HAVE to remember to do before writing your final answer?

3. **Think about: $705 \times .3$**

Which of the following is the BEST estimated answer? Why?

A. .21
 B. 2.1
 C. 21.0
 D. 210.0

What did you do to 705 to make an estimate?

Is multiplying by .3 similar to dividing by $\frac{1}{3}$?

4. **Solve** using order of operations:
 $72 \div 8 \times 3 - 4 + 10 = \underline{\hspace{2cm}}$

Solve using order of operations:
 $72 \div 8 \times 3 - (4 + 10) = \underline{\hspace{2cm}}$

Are the answers the same? _____ Why or why not?

Fractions are equivalent if they _____.

Weekly Homework

Wednesday, October 29

Estimate sum by rounding the addends to nearest **ten**, then find exact sum.

1. $72.75 + 25.72 + 27.52 + 72.57 =$

estimated sum:

exact sum:

Name _____

Round to nearest **ten** first, then find exact answer.

2. $72.9 - 25.72 =$

estimated difference:

exact difference:

3. Use the grid to show how to multiply: 74.6 and .38

The product is _____.

4. Now, use the **standard algorithm** to find the product of 74.6 and .38.

Do your answers agree?

Write five **equivalent fractions** for $\frac{3}{5}$ _____

Thursday, October 30

1. Write a division equation that can be used to find the value of **b** and then find the value of **b**.

$$23 \times b = 897$$

3. Printer A can make 60 copies in one minute. Printer B can only make $\frac{1}{3}$ as many copies in the same time. How many copies can Printer B make in a minute? Use the rectangle below to show your thinking.



Printer B can make _____ copies.

2. Mental math - using patterns

$$273 \times 1 = \underline{\hspace{2cm}}$$

$$273 \times 10 = \underline{\hspace{2cm}} \quad 273 \times .01 = \underline{\hspace{2cm}}$$

$$273 \times 100 = \underline{\hspace{2cm}} \quad 73 \times .01 = \underline{\hspace{2cm}}$$

$$273 \times 1000 = \underline{\hspace{2cm}} \quad 273 \times .001 = \underline{\hspace{2cm}}$$

4. Mental math - using patterns

$$273 \div 100 = \underline{\hspace{2cm}}$$

$$273 \div 10 = \underline{\hspace{2cm}}$$

$$273 \div 1 = \underline{\hspace{2cm}}$$

$$273 \div .1 = \underline{\hspace{2cm}}$$

$$273 \div .01 = \underline{\hspace{2cm}}$$

$$273 \div .001 = \underline{\hspace{2cm}}$$

What patterns do you notice in the problems for questions 2 and 4?