Weekly Homework Name \_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_

Monday, February 11

Find the sum of 7/8 and 6/10. \_\_\_\_ or \_\_\_\_\_

Find the difference of 7/8 and 6/10. \_\_\_\_ or \_\_\_\_

Suzanne had yard of fabric. She used of it for a school project. How much fabric does Suzanne now have?

***Write an equation for this problem and solve it.***

1. 2.

On Friday night, Adrijana’s family ate 1/3 of a pan of brownies. On Saturday, they ate 1/2 of the remaining amount. How much of the pan of brownies is left? **A model has been started for you. Complete the model to show your thinking.**

|  |  |  |
| --- | --- | --- |
|  |  |  |

3. 4.

Create a model to show:

 x = \_\_\_\_\_\_

|  |  |  |  |  |  |
| --- | --- | --- | --- | --- | --- |
|  |  |  |  |  |  |
|  |  |  |  |  |  |

**List the factors of 20 and 8. 20 = \_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_ 8 = \_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_**

**The GCF for 20 and 8 is \_\_\_\_\_\_\_\_. When would you use this information? \_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_**

Tuesday, February 12

Write 5 as an improper fraction. \_\_\_\_\_\_\_\_\_\_\_\_

Write 8÷5 as a fraction. \_\_\_\_\_\_\_\_\_\_\_

Write 12/5 as a mixed number. \_\_\_\_\_\_\_\_\_\_

1. 2.

Which is the BEST estimate of x 45?

a. 9 b. 11

c. 22 d. 33

Now, find the exact product of x 45. \_\_\_\_\_

Complete the chart by recording the value of each expression.

|  |  |
| --- | --- |
| expression | value |
| 60 |  |
| 51 |  |
| 42 |  |
| 33 |  |
| 24 |  |
| 15 |  |

Which is greater,

**2/3 of 60** or **3/5 of 50**? Prove it!

3. 4. 4.

**Circle the numbers divisible by 3. 57 75 117 257 309 533 612 636 705**

 **How do you know?**

Weekly Homework Name \_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_

Wednesday, February 13

2. Everyone liked Seth’s grandma’s pies, so she’s been asked to make cakes for the bake sale. Her recipe calls for 2c. flour for each cake. She has been asked to bake 5 cakes. How much flour will she use?

**Use the model below to find the answer.**

Which of the following could also be used to find the answer? Mark all correct expressions.

a. 2 + 5 b. 11/4 x 5/1 c. 2 x 5 d. 2÷ 5

1.

Use the grid to show a model of: **.7 x .8 = \_**\_\_\_\_

|  |  |  |  |  |  |  |  |  |  |
| --- | --- | --- | --- | --- | --- | --- | --- | --- | --- |
|  |  |  |  |  |  |  |  |  |  |
|  |  |  |  |  |  |  |  |  |  |
|  |  |  |  |  |  |  |  |  |  |
|  |  |  |  |  |  |  |  |  |  |
|  |  |  |  |  |  |  |  |  |  |
|  |  |  |  |  |  |  |  |  |  |
|  |  |  |  |  |  |  |  |  |  |
|  |  |  |  |  |  |  |  |  |  |
|  |  |  |  |  |  |  |  |  |  |
|  |  |  |  |  |  |  |  |  |  |

3.

Complete the following using **mental math**.

4.5 ÷ 10 = \_\_\_\_\_\_ 4.5 x .1 = \_\_\_\_\_\_\_

4.5 ÷ 100 = \_\_\_\_\_\_\_ 4.5 x .01 = \_\_\_\_\_\_

4.5 ÷ 1000 = \_\_\_\_\_\_\_\_ 4.5 x .001 = \_\_\_\_\_

What do you notice?

4. To raise money for the Relay for Life team, students donated dimes. The students contributed a total of 156,230 dimes. How much money (in dollars and cents) was raised for the team?

How could **mental math** be used to solve this?

**Evaluate**: **27 + 5(10²- 45) x 20 = \_\_\_\_\_\_\_\_\_\_\_\_ 24 – 13 + [4 +2(6 – 3)] ÷ 2 = \_\_\_\_\_\_**

Thursday, February 14 – A little extra Valentine’s Day math love!

1. 2.

Solve for ***n***. 1.5 **÷ *n*** = 5 ***n*** = \_\_\_\_\_\_\_

Solve for ***p***. ***p*** x .5 = 7 ***p*** = \_\_\_\_\_\_\_\_

Of the students playing sports, play football. Of the students who play football, like playing offense better than defense. There are 88 students playing sports, how many of them are playing football?

**What information in the problem was unnecessary?**

Rosanna walked a total of 28.7 miles this past week. (7days) If she walked the same number of miles each day, how many miles did she walk on Wednesday?

WOW! Grandma has really been baking the past week. She has now been asked to make 156 brownies for a teacher’s retirement celebration. Her secret recipe calls for 1 teaspoon of cinnamon. If one recipe makes 156 brownies, how many teaspoons of cinnamon will she use to make 156 brownies?

3. 4.

 **2.7**

 **List all prime numbers > 1 but < 31. \_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_**

 **Are all odd numbers prime? \_\_\_\_\_\_\_\_\_\_\_\_ Why? \_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_**