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

Tuesday, February 19

Suzanne brought 1 yards of material for a school project. She found that it wasn’t quite enough to finish. She bought another yard to complete the project. How much fabric did she use?

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

Find the sum of 2/3 and 5/12.

\_\_\_\_ or \_\_\_\_\_

Find the difference between 2/3 and 5/12.

\_\_\_\_ or \_\_\_\_

1. 2.

The Cake Boss’ cake recipe calls for 2cup of sugar. He has been hired to make a wedding cake. It takes 20 cake recipes to make a wedding cake. How much sugar will he use to make the wedding cake?

**Find the answer using two different strategies.**

 **Strategy 1 Strategy 2**

3. 4.

Create a model to show:

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

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**List the first six multiples of 5 and 6. 5 = \_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_ 6 = \_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_**

**The LCM for 5 and 6 is \_\_\_\_\_\_\_\_. When would you use this information? \_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_**

Wednesday, February 20

The length of Matthew’s spring garden is 2 times longer than his winter garden. The winter garden was 8 feet long. What is the length of his spring garden?

**Use two different strategies to find the answer.**

 **Strategy 1 Strategy 2**

Write 6 as an improper fraction. \_\_\_\_\_\_\_\_\_\_\_\_

Write 10÷15 as a fraction. \_\_\_\_\_\_\_\_\_\_\_

Write 4/3 as a mixed number. \_\_\_\_\_\_\_\_\_\_

1. 2.

Solve for ***m***. Solve for ***w***.

 x ***m*** = 1 x ***w*** =

Complete the table using the rule ***y*** = 3.5***x***

|  |  |
| --- | --- |
| ***x*** | ***y*** |
| 1 |  |
| 10 |  |
| 100 |  |
| 1000 |  |
| 10,000 |  |
| 100,000 |  |

3. 4. 4.

**If n = 20, then (24 + n) ÷ 4 = \_\_\_\_\_\_\_\_\_ If n = 12, then (24 + n) ÷ 4 = \_\_\_\_\_\_\_\_\_\_\_**

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

Thursday, February 21

2. A fraction represents division.

Which statement below is true?

a. ¾ = 3 ÷ 4

b. ¾ = 4 ÷ 3

c. ¾ > 3 ÷ 4

d. ¾ < 3 ÷ 4

1.

Use the grid to show a model of: **.4 x .4 = \_**\_\_\_\_

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3.

4. Chumlee and Corey finally found the stash of pennies Corey’s grandpa had been hiding at the Pawn Shop. Grandpa had collected 3,467,098 pennies. In dollars and cents, how much money did Grandpa squirrel away?

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

Complete the following using **mental math**.

82 ÷ .1 = \_\_\_\_\_\_ 82 x .1 = \_\_\_\_\_\_\_

82 ÷ .01 = \_\_\_\_\_\_\_ 82 x .01 = \_\_\_\_\_\_

82 ÷ .001 = \_\_\_\_\_\_\_\_ 82 x .001 = \_\_\_\_\_

What do you notice?

**Evaluate**: 3(2 × 40) ÷ 6 **= \_\_\_\_\_\_\_\_\_\_\_\_** 24 − (9 + 22 ÷ 2) = \_\_\_\_\_\_\_\_\_\_

A little extra Math Practice and LOVE!

1. 2.

Solve for ***n***. 72***n*** = 432 ***n*** = \_\_\_\_\_\_\_

Solve for ***p***. ***p*** ÷2.5 = 60 ***p*** = \_\_\_\_\_\_\_\_

Ms Rubiano is taking her son to Disneyworld over the holidays. She plans to spend 3 days and 2 nights in a park hotel. About how long will it take her to drive the 476 miles if she is able to average 62 miles per hour?

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

What is the effect on the product when multiplying a whole number by a decimal less than one?

(Ex: 72 x .4)

a. The product will be less than the decimal.

b. The product will be less than the whole number.

c. The product will be greater than the whole number.

d. The product will always be equal to the whole number.

**See Problem #4 from Thursday for needed information.**

Grandpa wants Chumlee and Corey to exchange the dollar bills for one hundred dollar bills at the bank. How many whole one hundred dollar bills will the bank give them?

3. 4.

**List all composite, odd numbers > 12 but <46. \_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_**