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

Monday, February 25

Rancher Dave bought 56 feet of fencing to create a pen for some animals. When he was finished he had 7 feet of fencing left. How much did he use to make the small pen?

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

Find the sum of 12 and 4. \_\_\_\_\_\_\_

Find the difference between 12 and 4. \_\_\_\_ or \_\_\_\_

1. 2.

The Cake Boss’ recipe for a sheet cake calls for 8cups of flour. He needs to make 6 sheet cakes for the PTA. How many cups of flour will he use to make the sheet cakes?

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

**Strategy 1 Strategy 2**

4.

Create a model to show:

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

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3.

**List the factors of 12 and 4. 12 = \_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_ 4 = \_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_**

**The GCF for 12 and 4 is \_\_\_\_\_\_\_\_. When would you use this information? \_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_**

Tuesday, February 26

Samantha’s dog weighs 9 pounds. Her cat weighs 2/3 as much as her dog. How much does her cat weigh?

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

**Strategy 1 Strategy 2**

Write 4 as an improper fraction. \_\_\_\_\_\_\_\_\_\_\_\_

Write 1÷5 as a fraction. \_\_\_\_\_\_\_\_\_\_\_

Write 16/6 as a mixed number. \_\_\_\_\_\_ or \_\_\_\_\_\_\_

1. 2.

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

x ***m*** = 1 4/5 x ***w*** = 8/10

Complete the table using the rule ***y*** = ***x ÷* .25**

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

In the table above, why is ***y* > *x***?

3. 4. 4.

**If n =3 , then 10 + n = \_\_\_\_\_\_\_\_\_ If n =3 , then 10 - n = \_\_\_\_\_\_\_\_\_\_\_**

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Wednesday, February 27

2. A fraction represents division.

Which statement below is true?

a. < 2 ÷ 3 b. > 3 ÷ 2

c. = 2 ÷ 3 d. = 3 ÷ 2

1.

Use the grid to show a model of: **.7 x .3 = \_**\_\_\_\_

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3.

4. Which is the BEST estimate for 2/3 of 57?

a. 20 b. 25 c. 40 d. 60

The exact answer for 2/3 or 57 is \_\_\_\_\_\_\_\_.

Complete the following using **mental math**.

555 x .1 = \_\_\_\_\_\_ 555 ÷ .1 = \_\_\_\_\_\_\_

444 x .01 = \_\_\_\_\_\_\_ 444 ÷ .01 = \_\_\_\_\_\_

333 x .001 = \_\_\_\_\_\_\_ 333 ÷ .001 = \_\_\_\_\_

What do you notice?

**Evaluate**: (3²x7)-(8²÷4)–3+5 **= \_\_\_\_\_\_\_\_\_\_\_\_** 51 − (5² x 50) = \_\_\_\_\_\_\_\_\_\_

Thursday, February 28

1. 2.

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

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

How much milk will each person get if 3 people share 1/4 gallon equally?

a) 1/12 gal. b) 1/6 gal.

c) 1/3 gal. d) 3/4 gal.

When you divide a **unit fraction** by a whole number, which statement is true?

a. The quotient will be greater than the whole number.

b. The quotient will be greater than the unit fraction.

c. The quotient will be less than the unit fraction.

d. The quotient will be equal to the unit fraction.

***A unit fraction is a fraction that has a 1 in the numerator.***

Callie baked 24 brownies. She gave 1/4 of the brownies to her neighbor. Of the remaining brownies, her family ate 1/3 for dessert on Monday night. Of the remaining brownies, 3/4 was frozen for dessert next week. How many brownies were left for Callie to pack in her lunches for the rest of the week?

3. 4.

**List the first ten prime numbers. \_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_**