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

Monday, January 28

8 + 6 =

8 - 6 =

1. 2.

55.05 ÷ .6 =

Create a model to show:

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

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

3. 4.

**List the factors of 6 and 15. 6 = \_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_ 15 = \_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_**

**The GCF for 6 and 15 is \_\_\_\_\_\_\_\_. When would you use this information? \_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_**

Tuesday, January 29

Write 18/4 as a mixed number. \_\_\_\_\_\_\_\_\_\_\_\_

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

1. 2.

Which is the BEST estimate of 1/6 x 29?

a. 4 b. 5

c. 15 d. 180

Why do you think the item writer used 15 as a possible answer?

Complete the chart by recording the value of each expression.

|  |  |
| --- | --- |
| expression | value |
| 20 |  |
| 21 |  |
| 22 |  |
| 23 |  |
| 24 |  |
| 25 |  |

Compare using >, <, or =. Prove your answer by making equivalent fractions.

7/8\_\_7/6

3. 4. 4.

**Circle the numbers divisible by 4. 68 74 114 258 504 528 606 632 756**

**How do you know?**

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

Wednesday, January 30

2. Grace saves $23.65 every month. Alex says that he saves 10 times more money than Grace each month. How much more money does Alex save each month than Grace?

Over a year, how much will Alex have saved than Grace? \_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_

1.

Which expression shows how to find the quotient of 16.84 ÷ 4?

a. (16 ÷ 4) + (8 ÷ 4) + (4 ÷ 4)

b. (16÷ 4) + (0.8 ÷ 4) + (0.4 ÷ 4)

c. (16 ÷ 4) + (0.8 ÷ 4) + (0.04 ÷ 4)

d. (0.16 ÷ 4) + (0.8 ÷ 4) + (4 ÷ 4)

3.

Complete the following.

38 ÷ 10 = \_\_\_\_\_\_ 3.8 x .1 = \_\_\_\_\_\_\_

38 ÷ 100 = \_\_\_\_\_\_\_ 3.8 x .01 = \_\_\_\_\_\_

38 ÷ 1000 = \_\_\_\_\_\_\_\_ 3.8 x .001 = \_\_\_\_\_\_

What pattern do you notice when multiplying by a decimal?

What is the effect on the product when you divide a whole number by powers of ten?

4. Seth’s grandmother has volunteered to make 6 apple pies for the bake sale. 3/4 c. of flour is needed for each pie. How much flour is needed for all 6 pies? Write an equation that could be used to solve this problem and find the answer.

**Evaluate**: **8 x 5 - 10**1 **÷ 2 =** **\_\_\_\_\_\_\_\_\_\_\_ 54 - 6 x 2**3 **= \_\_\_\_\_\_\_\_\_**

Thursday, January 31

1. 2.

Valerie used 0.75 pounds of carrots to make a carrot cake. She bought 9.5 pounds of carrots. How many carrot cakes could she make?

Mario walked 3 miles from his house to the park. If he walks of a mile more, he will reach Kroger. How far is Kroger from his house?

To raise money for the Relay for Life team, students brought in pennies. The students contributed a total of 219,880 pennies. Complete to show how many different ways the pennies can be exchanged.

|  |  |  |
| --- | --- | --- |
| pennies | exchange into | amount |
| 219,880 | dimes |  |
| 219,880 | dollar bills |  |
| 219,880 | ten dollar bills |  |
| 219,880 | hundred dollar bills |  |
| 219,880 | thousand dollar bills |  |

15 - 6 =

3. 4.

**2.7**

**List all prime numbers < 91 but > 43. \_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_**