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

Monday, December 3

Ms. Fidanza has been taking holiday photos of her daughters to send to relatives. She has a very old camera (maybe a new digital camera will be under the tree this year!) and has used 17 rolls of film. Each roll takes 36 pictures. How many holiday pictures has she taken?

Is the following true? Why or why not?

63 ÷ 7 = 63 ÷ 70

1. 2. 2.

Compare 1/4 and 3/10 by using the models below.

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

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

1/4 \_\_\_\_ 3/10 because \_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_

\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_

8 + 5 = \_\_\_\_ 8 - 5 = \_\_\_\_

3. 4. 4.

Rename each improper fraction as a mixed number: 8/5 \_\_\_\_\_\_\_\_ 6/2 \_\_\_\_\_\_\_\_ 10/4 \_\_\_\_\_\_\_\_\_ 11/3 \_\_\_\_\_\_\_

Tuesday, December 4

2. Dr. Seabolt and Ms. Riley boxed 425 coats to be donated to a local charity. 17 boxes were used. Each box contained the same amount of coats. How many coats are in each box? Complete the model below to find the answer.

425

10 1

|  |  |  |  |  |  |  |
| --- | --- | --- | --- | --- | --- | --- |
| 170 | ? | 17 | ? | ? | ? | ? |

Which expression could be used to **check**:

24 x 7 = 168

a. 7 x 168 b. 168 ÷ 24

c. 7 ÷ 24 d. 24 ÷ 7

Choice \_\_\_\_ is wrong because…

Choice \_\_\_\_ is wrong because…

Choice \_\_\_\_ is wrong because…

1.

Compare using >, < or =.

4/6 \_\_\_\_\_\_8/12

**Prove it using the models below.**

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

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

Use the model below to solve: 7/8 - 3/8 = \_\_\_\_\_\_\_\_

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

Use the model below to solve: 3/8 + 3/8 = \_\_\_\_\_\_\_\_

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

3. 4.

**List all the composite numbers < 45 but > 30. \_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_**

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

Wednesday, December 5

2. If 27 x 42 = 1134, then the product of

(27 x 40) + (27 x 2) is \_\_\_\_\_\_\_\_\_\_

**What property was used above?**

Ms. Lowe is organizing her 317 summer vacation photos into a photo album. She puts 5 photos on the cover and then places 6 photos on each page inside the album. Which **expression** could be used to determine how many pages she will need?

1. 317 + 5 - 6 =
2. 317 – 5 - 6 =
3. (317 – 5) ÷ 6 =
4. (317 ÷ 5) - 6 =

1. 2.

4. What is the missing factor?

🞎 ÷ 6 = 9

Show how you solved for 🞎.

3.

Ms. Noell bought 3 boxes of holiday cards for $3.59 per box and 4 rolls of ribbon for $1.29 per roll. If she gave the clerk a twenty dollar bill, how much change did she receive?

List the factors for **20 and 12**. **20 \_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_ 12\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_** What **factors** do the numbers have **in common?\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_**

Weekly Homework

Thursday, December 6

2.

**372 ÷ 26 = 14r8**

Which number is:

the divisor? \_\_\_\_\_\_\_\_\_

the dividend? \_\_\_\_\_\_\_\_\_

the quotient? \_\_\_\_\_\_\_\_\_\_

What does **r8** mean? \_\_\_\_\_\_\_\_\_ (not what it is….what does it represent?)

Find the product of 78 and 33.

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

The product of 78 and 33 is \_\_\_\_\_\_\_\_\_\_\_\_\_.

1. 2.

4. Label 1/2, 5/6 and 3/4 on the number line.

0 1

**Using >, <, or = compare:**

**5/6 \_\_\_\_3/4 3/4 \_\_\_\_\_1/2 1/2 \_\_\_\_\_\_5/6**

3.

Find the **quotient**. 387 ÷ 12 = \_\_\_\_\_\_\_\_\_

**10 ? ? ? ?**

|  |  |  |  |  |
| --- | --- | --- | --- | --- |
| **120** | **?** | **?** | **12** | **?** |

How many equal groups of 12? \_\_\_\_\_\_\_

How many are leftover? \_\_\_\_\_\_

What is the leftover amount called? \_\_\_\_\_\_\_\_\_\_\_\_\_\_

Rename each **mixed number** as an **improper fraction**: **5** \_\_\_\_\_\_ **1**\_\_\_\_\_\_ **4** \_\_\_\_\_\_\_ **2½**\_\_\_\_\_\_\_