Name: _____

the daily 5!

Complete five questions each night. Show your strategy in the box or on a separate piece of paper. **DUE Thursday, October 6th** You should TRY the Challenge.

Multiplication Monday

1. Multiply.

455×38

2. Multiply

$\frac{2}{3} \times 6$

3. Find the product of 78 and 29.

4. Use mental math to simplify.

452×10^2

5. For the Pumpkin' Chunkin' the science teachers bought several sizes of plastic cups. The cups were sold in different amounts per bag. The chart below shows the quantity of cups in each bag. If the teachers bought 8 packs of each cup size, how many cups did they buy in all?

Cup Size	Quantity (per pack)
Large	300
Medium	250
Small	100

Rate your understanding: 0 1 2 3 4

Throwback Tuesday

1. Fill in the blank. 4,000 is ____ times larger than 4.	2. Circle the digit in the thousandths place. 3,234.0648
3. Divide. 5,342 ÷ 12	4. Subtract. 24.06 - .09

5. Last week Keith and his siblings ate $\frac{5}{12}$ of a carton of yogurt, and this week they ate $\frac{5}{6}$ of a carton. How much more yogurt did they eat this week compared to last week?

Rate your understanding: 0 1 2 3 4

Wacky Wednesday

1. Write an equivalent fraction.

$$\frac{12}{18}$$

2. Find the LCM of 14 and 15

3. Which is the prime factorization of 16.

A. 2 x 2 x 4

B. 2 x 2 x 8

C. 2 x 2 x 2 x 2

D. 2 x 2 x 2 x 2 x 2

4. Write as a mixed number.

$$\frac{14}{5}$$

5. William is decorating papers with a total of 10 heart stickers and 8 star stickers for the child he is babysitting. If he wants to make all the papers identical, with the same combination of heart and star stickers and no stickers left over, what is the greatest number of pages William can decorate?

Rate your understanding: 0 1 2 3 4

Constructed Response

Bake Sale

Part A
Lindy is having a bake sale. She has 48 chocolate chip cookies to put in bags. How many bags can she fill if she puts the same number in each bag and uses them all? Find all the possibilities. Explain your reasoning.

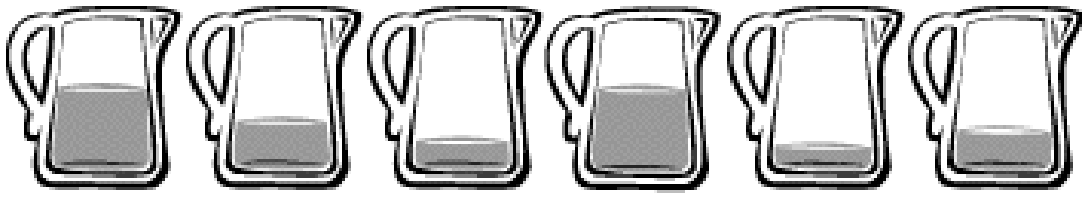
Part B
Lindy has 64 vanilla wafer cookies to put in bags. How many bags can she fill if she puts the same number in each bag and uses them all? Find all the possibilities. Explain your reasoning.

Part C
How many bags can Lindy fill if she puts the chocolate chip cookies and the vanilla wafers in the same bags? She plans to use all the cookies and wants to include an equal number of chocolate chip cookies and an equal number of vanilla wafers in each bag. Explain your reasoning.

Part D
What is the largest number of bags she can make with an equal number of chocolate chip cookies and an equal number of vanilla wafers in each bag (assuming she uses them all)? Explain your reasoning.

Rate your understanding: 0 1 2 3 4

Challenge!
(TRY IT!)



$\frac{1}{2}$ $\frac{1}{3}$ $\frac{1}{6}$ $\frac{1}{2}$ $\frac{1}{8}$ $\frac{1}{4}$

At his birthday party, Derrick served lemonade and punch. The pitchers show how much lemonade and punch was left over after the party. As he cleaned up, Derrick poured all the leftover lemonade into a polka-dot pitcher. He poured all the leftover punch into a striped pitcher. Before the cleanup, this is what Derrick saw.

- Three pitchers had lemonade and three pitchers had punch.
- Two pitchers had the same amount of liquid. One pitcher contained lemonade; the other contained punch.
- The pitcher that had the least amount of liquid contained lemonade.
- One pitcher of punch was full. That pitcher was twice as full as another pitcher of punch.

After the cleanup, how full was the polka-dot pitcher?
How full was the striped pitcher?