

Tuesday 4/9

Maddy needs help writing the number 45,678 in exponential notation. She knows she will start with (4×10^4) . What else will she need to add to complete this expression?

$$(4 \times 10^4) + (5 \times 10^3) + (6 \times 10^2) + (7 \times 10^1) + (8 \times 10^0)$$

Tuesday 4/9

Emily was given the expression... $(4 \times 10^2) + (2 \times 10) + (4 \times 1) + (2 \times 1/10) + (3 \times 1/1000)$
What would the number look like if written in numerical form?

424.203

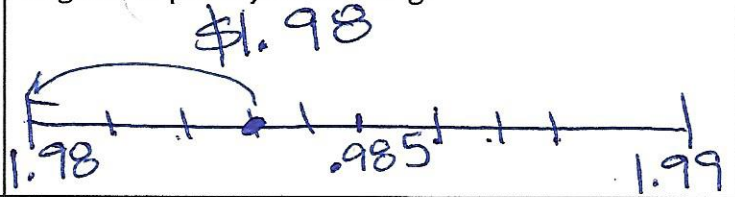
Tuesday 4/9

Grace and Jackson were comparing decimals. Grace said that 5.67 is greater than 5.8 because it has more numbers in the decimal place. Jackson disagrees. Do you agree with Grace or Jackson and explain your thinking.

Because $\frac{8}{10} = \frac{80}{100}$
 $\frac{80}{100} > \frac{67}{100}$

Tuesday 4/9

The price of a gallon of gas is \$1.983. Mario says our money doesn't go to the thousandths so we need it to be in hundredths. What is the price of gas rounded to the nearest hundredth? Use a number line diagram to prove your thinking.



Wednesday 4/10

Jacob is trying to solve the multiplication equation 567×33 . Jacob knows the standard algorithm, partial products, and the open area model, but he wants to check his work. Solve the problem 2 ways, 1 way being the standard algorithm and another strategy of your choice. Explain how the two strategies you used are related and how you reached your answer in order to share with Jacob.

500 60 7

15000	1800	210
1500	180	21

17010
1701
18711

567 567
x30 x3
17010 1701
1701 1701
18711 18711

Wednesday 4/10

Oak Hill School is collecting pennies for a coin drive. So far Ms. Roger's class has collected 5,456 pennies. If they need to put them in bags of 50, how many bags will they have? Will they have any extras? If so, how many will they need to make another full bag of pennies?

44 make pennies

109 bags yes

5456	100
-5000	
456	9
-450	
6	

Wednesday 4/10

Mary went to the grocery store and bought a few items for her party. She bought 5 packs of hotdogs for \$3.99 each, 6 packs of buns for \$2.45 each, and 3 bags of chips for \$4.25 each. How much did she spend? If she had \$50, how much change would she get back?

4 x 5 = \$20

\$19.95

2.45 x 6 = 14.70

4.25 x 3 = 12.75

change 14.70

\$47.40

Wednesday 4/10

Austin has \$97.86 to spend on lunch for him and 7 friends. How much can each friend spend if he divides it evenly? Round the number to the nearest hundredth.

1223.8

9786	1000
-8000	
1786	200
-1600	
186	20

186	20
-160	
26	3
-24	
2	

Wednesday 4/10

Planes fly an average of 1856.40 miles per hour. If a plane flew 2.2 hours, what is the average speed? Round to the nearest tenth.

1856.40
dch

Wednesday 4/10

If Mary had $2 \frac{7}{8}$ spools of ribbon and Mindy had $7 \frac{3}{4}$ spools of ribbon. How much ribbon did they have together? If they needed 15 spools for a project, would they have enough? If not, how much more would they need? If so, how much do they have extra?

$7 \frac{3}{4} = \frac{6}{8} + 2 \frac{7}{8} = 9 \frac{13}{8} + 1 \frac{5}{8}$
 $10 \frac{5}{8}$ No $4 \frac{3}{8}$ extra