

Due Monday 10/21/19

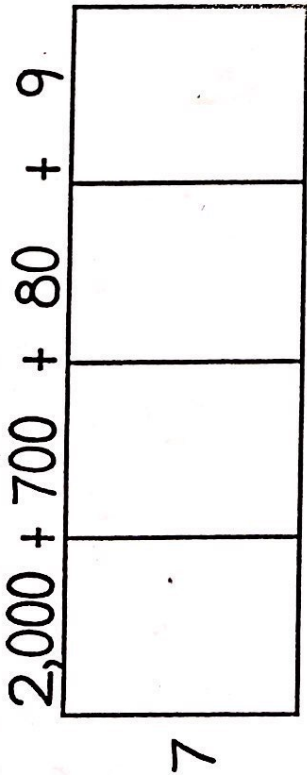
4th Grade Homework - Week 10

Name _____

SHOW ALL WORK!

6.5

Use the area model to multiply. $7 \times 2,789 =$ _____



A clothing store had 475 customers in one week. The next week, the store sent out coupons, and they had 3 times as many customers to shop. How many customers shopped the second week?

Annotate and write an equation!

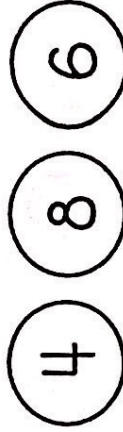
An ant has 6 legs. How many legs do 7,525 ants have?

$349 \times 5 =$ _____

Show your work!

Choose any method!

Arrange the digits below to create the largest possible product.



Explain your thinking.

To create the largest possible product, I _____

Solve using the distributive property.

$4 \times 3,671 =$ _____

$(4 \times \text{_____}) + (4 \times \text{_____}) + (4 \times \text{_____}) + (4 \times \text{_____})$

+ _____ + _____ + _____

Wednesday

4NBT5

Use the **area model** to multiply. $7,232 \times 4 =$ _____

Thursday

Fill in the numbers missing from the equations showing the distributive property below.

$$2 \times 48 = (2 \times 40) + (2 \times \underline{\quad})$$

$$5 \times 144 = (5 \times 100) + (5 \times \underline{\quad}) + (5 \times 4)$$

$$9 \times 85 = (\underline{\quad} \times 80) + (\underline{\quad} \times 5)$$

$$1,452 \times 6 = (6 \times 1,000) + (6 \times \underline{\quad}) + (6 \times 50) + (\underline{\quad} \times 2)$$

$$184 \times 4 = (\underline{\quad} \times \underline{\quad}) + (\underline{\quad} \times \underline{\quad}) + (\underline{\quad} \times \underline{\quad})$$

Complete the table using the statements below.

The students at Blandhe Elementary School were collecting cans for a food drive. The table below shows the number of cans collected by the students.

Blandhe Elementary School Food Drive	
1 st	
2 nd	375
3 rd	
4 th	
5 th	

- 4th grade collected twice as many cans as 2nd grade.
- 3rd grade collected 125 fewer cans than 4th grade.
- 1st grade collected 3 times as many cans as 3rd grade.
- 5th grade collected 5 more cans than 1st

Multiply to find each product.

Use the "circles and dots" strategy!

60 x 8 = _____

3 x 600 = _____

80 x 2 = _____

900 x 4 = _____

300 x 7 = _____

7 x 500 = _____

This question has 3 parts, A-C.

Steven's Work

Steven used the expanded algorithm to solve 392×6 . He got a product of 84. He knew that it was wrong because he had estimated the product first.

$$\begin{array}{r} 392 \\ \times 6 \\ \hline 12 \\ 54 \\ + 18 \\ \hline 84 \end{array}$$

Part A -

Use estimation to show a reasonable product for Steven's problem.

Part B (distributive property)

Use the expanded algorithm to solve Steven's problem.

Complete the table using the statements below.

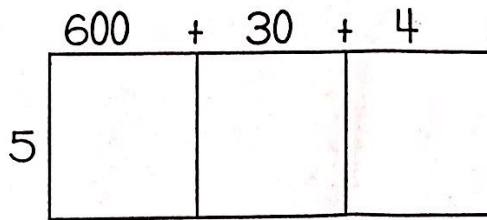
Palmetto County Schools held parent teacher conferences. Use the clues below to complete the totals for each of the 5 elementary schools.

Parent Teacher Conference Totals	
Ambrose	
Broxton	
Eastside	
Nicholls	
Westside	

Part C - complete sentences!

Explain to Steven where his mistake occurred and how he should have solved using the expanded algorithm.

Use the area model to multiply. $5 \times 634 =$ _____



Solve using the distributive property.

$8 \times 5,461 =$ _____

$(8 \times \underline{\quad}) + (8 \times \underline{\quad}) + (8 \times \underline{\quad}) + (8 \times \underline{\quad})$

_____ + _____ + _____ + _____

Use any method to solve!

$1,344 \times 6 =$ _____

$6 \times 888 =$ _____