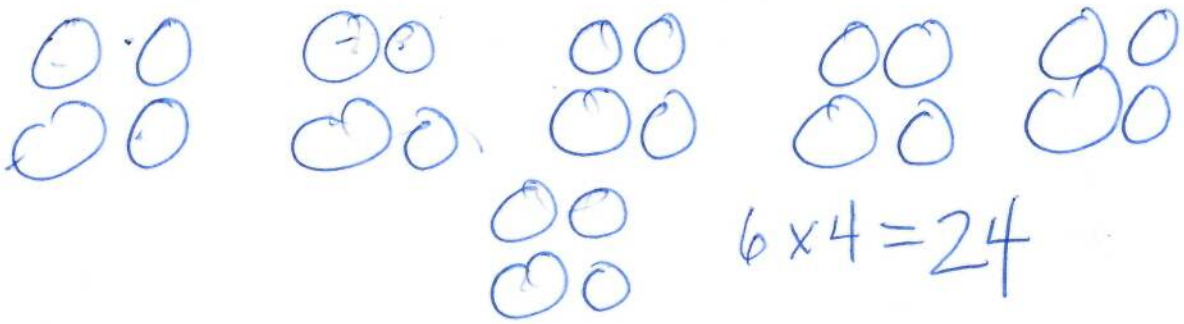
Name LAURA DANIELS Date 10/16/15

1. Mr. Lewis arranges all the desks in his classroom into 6 equal groups of 4. How many desks are in his classroom? Show a picture and multiplication sentence in your work.



6 x 4 = 24

a. What does the product in your multiplication sentence represent?

Allll the apples.

b. Fill in the blanks below to complete a related division sentence.

24 ÷ 4 = 6

c. What does the quotient in Part (b) represent?

America

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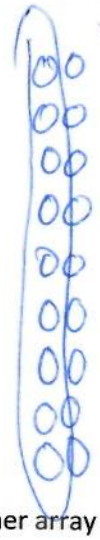
(FLOWERS)

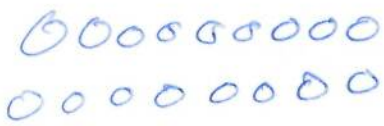
2. a. Draw an array that shows 9 rows of 2. Write a multiplication sentence to represent the array, and circle the factor that represents the number of rows.



~~9x2~~

2x9?

b. Draw another array that shows 2 rows of 9. Write a different multiplication sentence, and circle the factor that represents the size of the row.



9x2

c. Explain the relationship between the two arrays using number sentences and words.

They are all friends and like each other.

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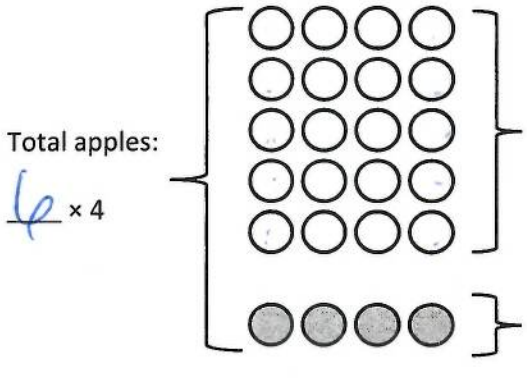
3. Ms. Park buys a tray of apples for a class party. There are 5 rows of 4 red apples. There is 1 row of 4 green apples.

   a. The picture below shows Ms. Park's apples. Fill in the blanks to complete the expressions.



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0000
↑ Those are Lilly's

   b. Fill in the unknowns in the equation below to match the picture of the apples in Part (a). Use the break apart and distribute strategy to find the total number of apples Ms. Park bought.

6 × 4 = 5 × 4 + 1 × 4

Ms. Park bought A LOTTA apples.

   c. Lilly brings 8 green apples for the class party. Show Lilly's green apples on the picture in Part (a). Then, fill in the unknowns in the equation below to match the new picture. Solve to find the total number of apples.

2 × 4 = 1 × 4 + 1 × 4

There are ~~~> apples in all.

Yes there are. (34 maybe?)

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4. Mr. Myer's class plays a game. The class earns 5 points each time they answer a question correctly. The class earns 50 points playing the game on Monday.

   a. How many questions did the class answer correctly? Show a picture and division sentence in your work.

50 points ÷ 5 = 10

   b. Mr. Myer uses the equation 5 × 10 = 50 to find how many questions the class answered correctly. Is his method correct? Why or why not?

NO. Because you need to know How many got it right FIRST. THEN he could use that equation. (Or not)

   c. The class answered 7 questions correctly on Tuesday. What is the total number of points the class earned on both days?

85 ya'll!

(35 + 50 = 85)

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5. Complete as many problems as you can in 100 seconds. Your teacher will time you and tell you when to stop.

4 x 1 = 4	3 ÷ 1 = 3	10 x 2 = 20	2 x 3 = 6	10 ÷ 5 = 2
4 ÷ 2 = 2	2 x 2 = 4	15 ÷ 5 = 3	10 x 3 = 30	4 x 3 = 12
3 x 3 = 9	5 x 3 = 15	16 ÷ 4 = 4	2 x 4 = 8	10 x 4 = 40
2 x 4 = 8	12 ÷ 4 = 3	4 x 5 = 20	5 x 5 = 25	50 ÷ 10 = 5
15 ÷ 3 = 5	2 x 5 = 10	24 ÷ 4 = 6	10 x 6 = 60	5 x 6 = 30
2 x 6 = 12	4 x 6 = 24	35 ÷ 5 = 7	3 x 7 = 21	10 x 7 = 70
4 x 7 = 28	14 ÷ 2 = 7	3 x 7 = 24	5 x 8 = 40	80 ÷ 10 = 8
32 ÷ 4 = 8	10 x 8 = 80	27 ÷ 3 = 9	2 x 9 = 18	5 x 9 = 45

(63 seconds - Woo!)

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