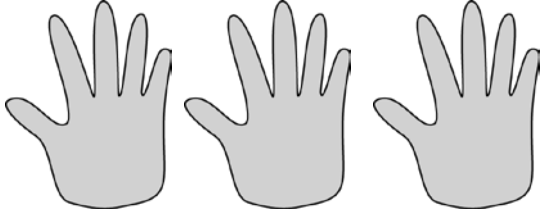




Name _____

Date _____

1. Fill in the blanks to make true statements.



a. 3 groups of five = _____

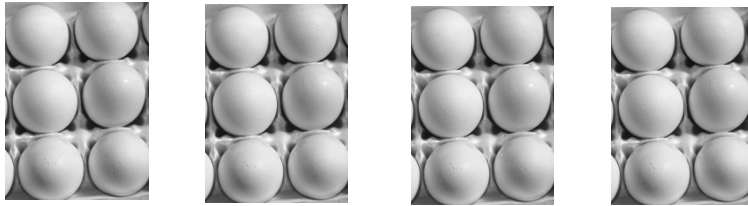
3 fives = _____

$3 \times 5 =$ _____

b. $3 + 3 + 3 + 3 + 3 =$ _____

5 groups of three = _____

$5 \times 3 =$ _____



c. $6 + 6 + 6 + 6 =$ _____

_____ groups of six = _____

$4 \times$ _____ = _____



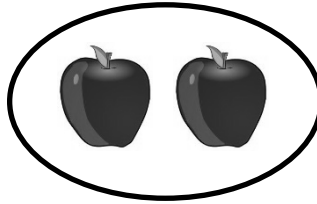
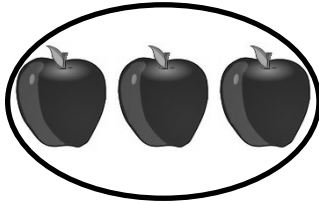
d. $4 +$ _____ $+$ _____ $+$ _____ $+$ _____ $+$ _____ $=$ _____

6 groups of _____ = _____

$6 \times$ _____ = _____

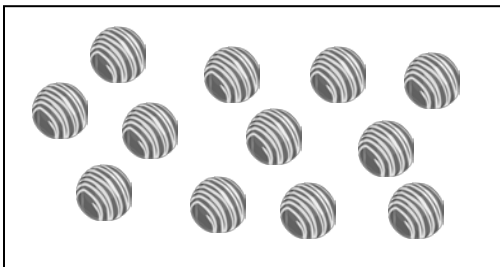


2. The picture below shows 2 groups of apples. Does the picture show 2×3 ? Explain why or why not.



3. Draw a picture to show $2 \times 3 = 6$.

4. Caroline, Brian, and Marta share a box of chocolates. They each get the same amount. Circle the chocolates below to show 3 groups of 4. Then, write a repeated addition and a multiplication sentence to represent the picture.

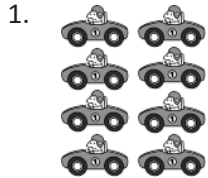




Name _____

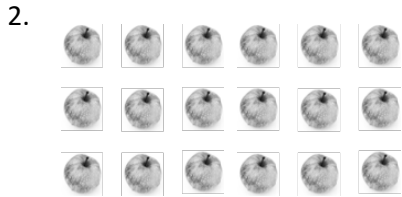
Date _____

Use the arrays below to answer each set of questions.



a. How many rows of cars are there? _____

b. How many cars are there in each row? _____



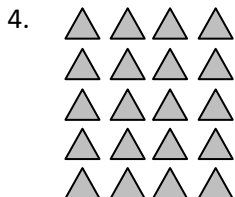
a. What is the number of rows? _____

b. What is the number of objects in each row? _____



a. There are 4 spoons in each row. How many spoons are in 2 rows? _____

b. Write a multiplication expression to describe the array. _____



a. There are 5 rows of triangles. How many triangles are in each row? _____

b. Write a multiplication expression to describe the total number of triangles. _____



5. The dots below show 2 groups of 5.



a. Redraw the dots as an array that shows 2 rows of 5.

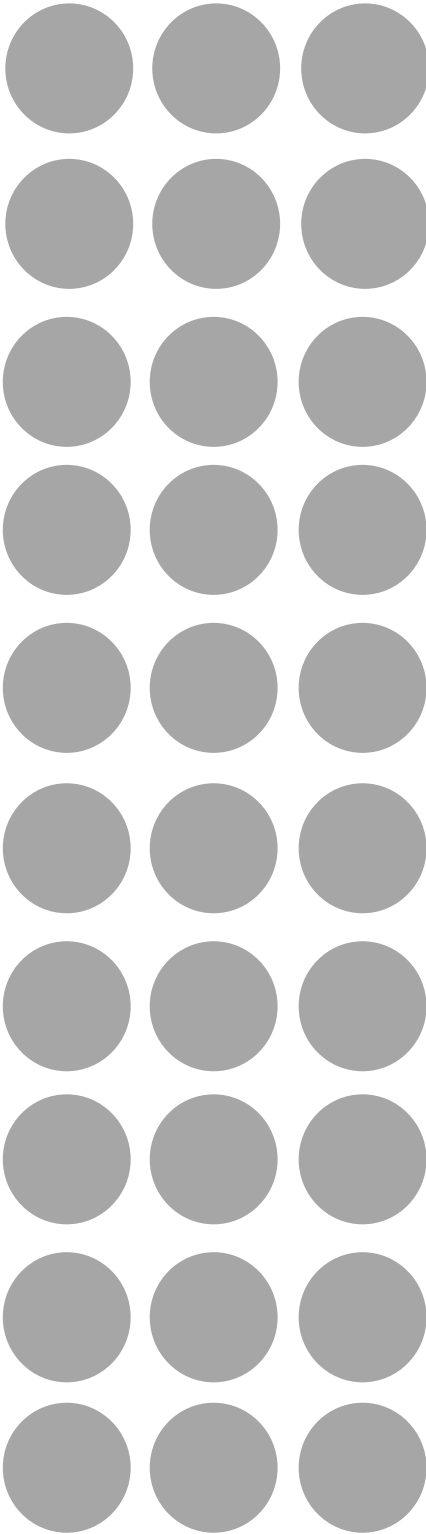
b. Compare the drawing to your array. Write at least 1 reason why they are the same and 1 reason why they are different.

6. Emma collects rocks. She arranges them in 4 rows of 3. Draw Emma's array to show how many rocks she has all together. Then, write a multiplication equation to describe the array.

7. Joshua organizes cans of food into an array. He thinks, "My cans show 5×3 !" Draw Joshua's array to find the total number of cans he organizes.



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three array



Name _____

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Solve Problems 1–4 using the pictures provided for each problem.

1. There are 5 flowers in each bunch. How many flowers are in 4 bunches?

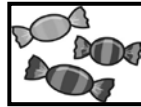
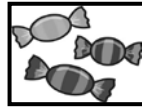


a. Number of groups: _____ Size of each group: _____

b. $4 \times 5 =$ _____

c. There are _____ flowers all together.

2. There are _____ candies in each box. How many candies are in 6 boxes?

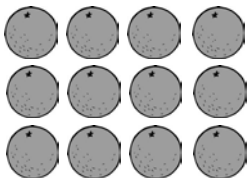


a. Number of groups: _____ Size of each group: _____

b. $6 \times$ _____ $=$ _____

c. There are _____ candies all together.

3. There are 4 oranges in each row. How many oranges are there in _____ rows?



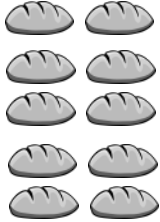
a. Number of rows: _____ Size of each row: _____

b. _____ $\times 4 =$ _____

c. There are _____ oranges all together.



4. There are _____ loaves of bread in each row. How many loaves of bread are there in 5 rows?

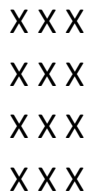


a. Number of rows: _____ Size of each row: _____

b. _____ × _____ = _____

c. There are _____ loaves of bread altogether.

5. a. Write a multiplication equation for the array shown below.



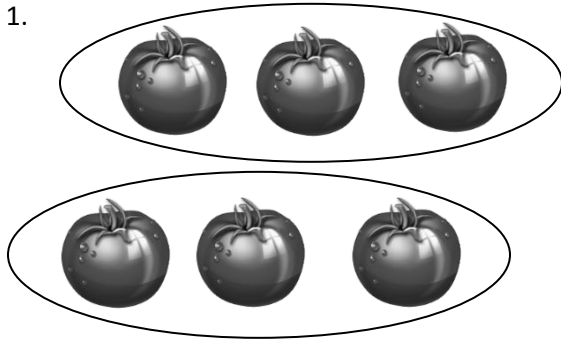
b. Draw a number bond for the array where each part represents the amount in one row.

6. Draw an array using factors 2 and 3. Then, show a number bond where each part represents the amount in one row.



Name _____

Date _____



Divide 6 tomatoes into groups of 3.

There are _____ groups of 3 tomatoes.

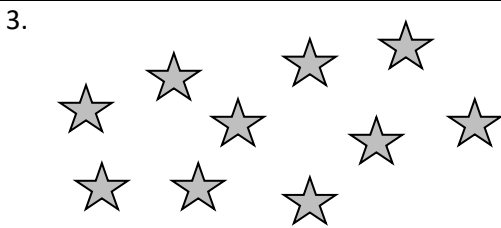
$$6 \div 3 = 2$$



Divide 8 lollipops into groups of 2.

There are _____ groups.

$$8 \div 2 = \underline{\hspace{2cm}}$$



Divide 10 stars into groups of 5.

$$10 \div 5 = \underline{\hspace{2cm}}$$

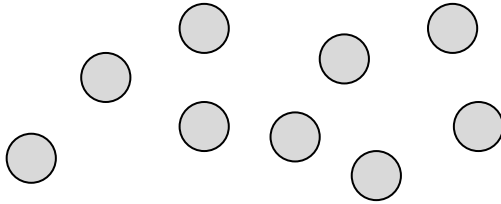


Divide the shells to show $12 \div 3 = \underline{\hspace{2cm}}$, where the unknown represents the number of groups.

How many groups are there? _____



5. Rachel has 9 crackers. She puts 3 crackers in each bag. Circle the crackers to show Rachel's bags.



a. Write a division sentence where the answer represents the number of Rachel's bags.

b. Draw a number bond to represent the problem.

6. Jameisha has 16 wheels to make toy cars. She uses 4 wheels for each car.

a. Use a count-by to find the number of cars Jameisha can build. Make a drawing to match your counting.

b. Write a division sentence to represent the problem.