DUVAL COUNTY
PUBLIC SCHOOLS

Name _____   Date _____

1. Fill in the blanks to make true statements.

group 1   group 2
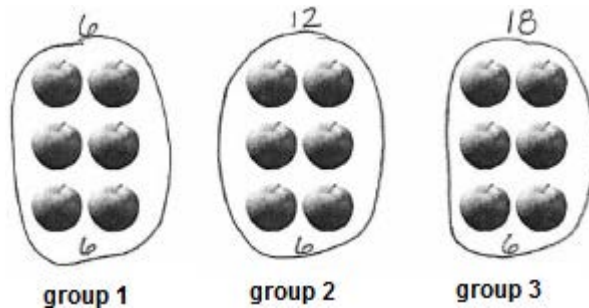
group 3   group 4
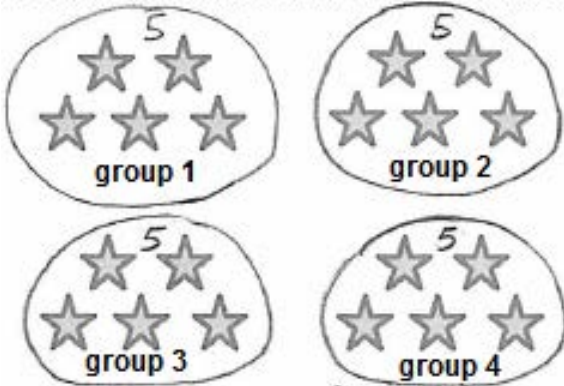
a. 4 groups of five = _20_

4 fives = _20_

4 × 5 = _20_

b. 5 groups of four = _____

5 fours = _____

5 × 4 = _____

c. 6 + 6 + 6 = ___**18**___

___**3**___ groups of six = ___**18**___

3 × ___**6**___ = ___**18**___

group 1   group 2   group 3

d. 3 + ____ + ____ + ____ + ____ + ____ = _____

6 groups of _____ = _____

6 × _____ = _____

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2. The picture below shows 3 groups of hot dogs. Does the picture show 3 × 3? Explain why or why not.
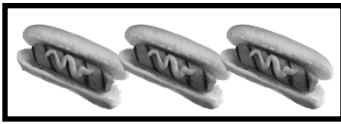
3. Draw a picture to show 4 × 2 = 8.

4. Circle the pencils below to show 3 groups of 6. Write a repeated addition and a multiplication sentence to represent the picture.

DUVAL COUNTY
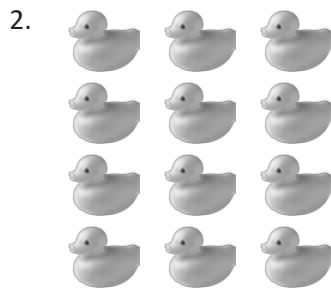**PUBLIC SCHOOLS**

Name _____   Date _____

Use the arrays below to answer each set of questions.

1.
row 1
row 2
row 3

a. How many rows of erasers are there? _____**3**_____

b. How many erasers are there in each row? _____**2**_____
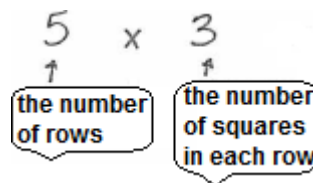
2.

a. What is the number of rows? _____

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

3.
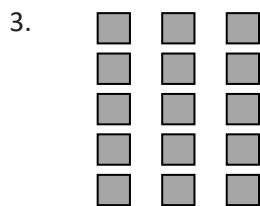
a. There are 3 squares in each row. How many squares are in 5 rows? _____**15**_____

b. Write a multiplication expression to describe the array. ___**5 × 3**___

$$5 \times 3$$

the number of rows   the number of squares in each row

4.

a. There are 6 rows of stars. How many stars are in each row? _____

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

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5. The triangles below show 3 groups of four.
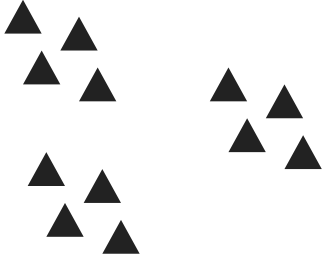
a. Redraw the triangles as an array that shows 3 rows of four.

b. Compare the drawing to your array. How are they the same? How are they different?

6. Roger has a collection of stamps. He arranges the stamps into 5 rows of four. Draw an array to represent Roger's stamps. Then, write a multiplication equation to describe the array.

Row 1 ○○○○ 4
Row 2 ○○○○ 8
Row 3 ○○○○ 12
Row 4 ○○○○ 16
Row 5 ○○○○ 20

$$5 \times 4 = 20$$
4
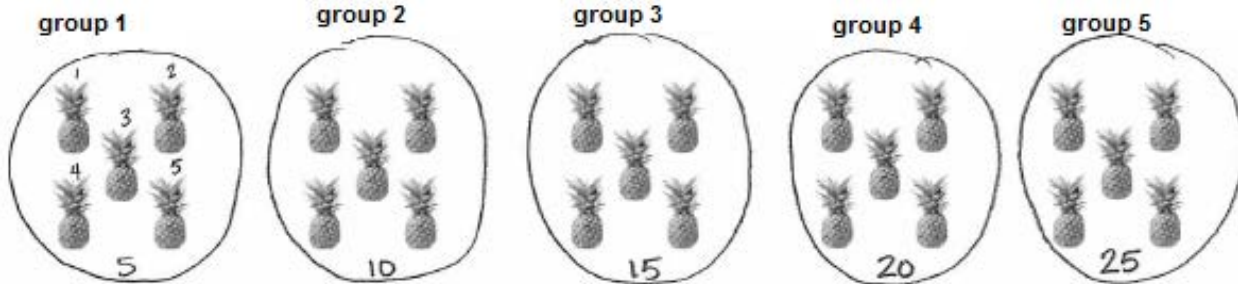the number of rows   the number of stamps in each row

7. Kimberly arranges her 18 markers as an array. Draw an array that Kimberly might make. Then, write a multiplication equation to describe your array.

DUVAL MATH

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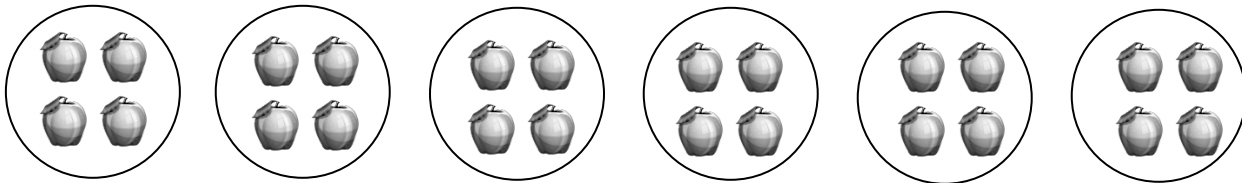PUBLIC SCHOOLS

Name _____   Date _____

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

group 1   group 2   group 3   group 4   group 5

1. There are 5 pineapples in each group. How many pineapples are there in 5 groups?

   a. Number of groups: _____**5**_____   Size of each group: _____**5**_____

   b. 5 × 5 = _____**25**_____

   c. There are _____**25**_____ pineapples all together.

2. There are _____ apples in each basket. How many apples are there in 6 baskets?

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

   b. 6 × _____ = _____

   c. There are _____ apples all together.

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3. There are 4 bananas in each row. How many bananas are there in _____ rows?
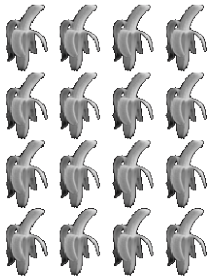
a. Number of rows: _____ Size of each row: _____

b. _____ × 4 = _____

c. There are _____ bananas all together.

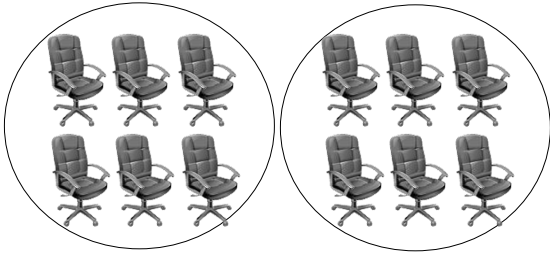4. There are _____ peppers in each row. How many peppers are there in 6 rows?

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

b. _____ × _____ = _____

c. There are _____ peppers all together.

5. Draw an array using factors 4 and 2. Then, show a number bond where each part represents the amount in one row.
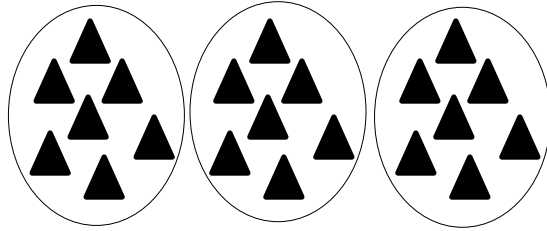
Name _____   Date _____

1.

12 chairs are divided into 2 equal groups.

There are _____ chairs in each group.

2.

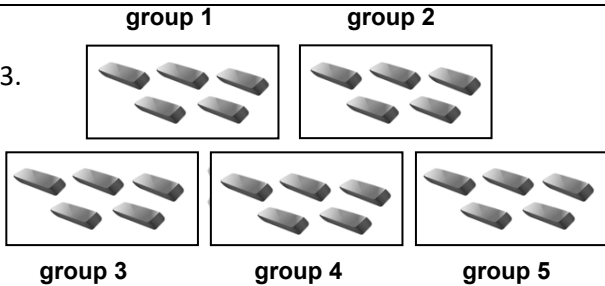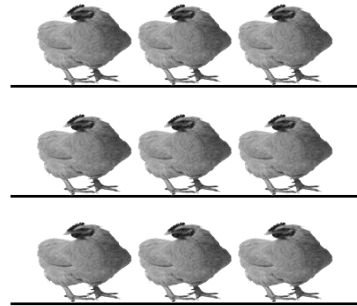21 triangles are divided into 3 equal groups.

There are _____ triangles in each group.

3.

group 1   **group 2**

group 3   **group 4**   **group 5**

25 erasers are divided into _____**5**___ equal groups.

There are ____**5**____ erasers in each group.

4.

_____ chickens are divided into _____ equal groups.

There are _____ chickens in each group.

9 ÷ 3 = _____

5.

There are _____ buckets in each group.

12 ÷ 4 = _____

6.   **row 1** ▭▭▭▭ **4**

row 2 ▭▭▭▭ **8**

row 3 ▭▭▭▭ **12**

row 4 ▭▭▭▭ **16**
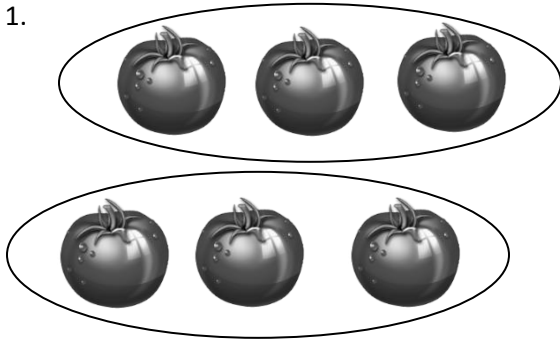
16 ÷ 4 = ____**4**____

Name _____   Date _____

1.

Divide 6 tomatoes into groups of 3.
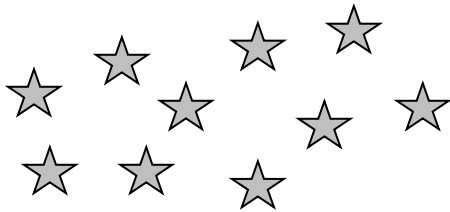
There are _____ groups of 3 tomatoes.

$6 \div 3 = 2$

2.

Divide 8 lollipops into groups of 2.

There are _____ groups.

$8 \div 2 =$ _____

3.

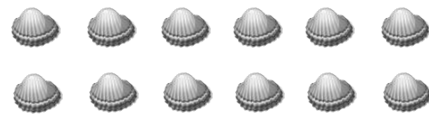Divide 10 stars into groups of 5.

$10 \div 5 =$ _____

4.

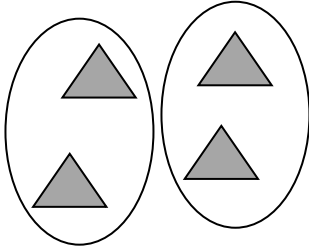Divide the shells to show $12 \div 3 =$ _____, where the unknown represents the number of groups.

How many groups are there? _____
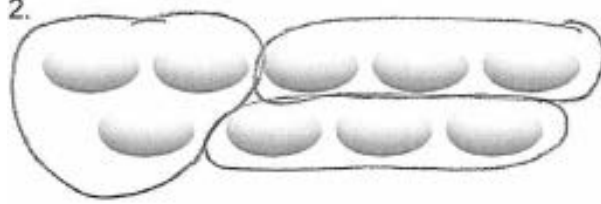
Name _____   Date _____

1.

Divide 4 triangles into groups of 2.

There are _____ groups of 2 triangles.

4 ÷ 2 = 2

2.

Divide 9 eggs into groups of 3.

There are ___**3**___ groups.

9 ÷ 3 = ___**3**___

3.

Divide 12 buckets of paint into groups of 3.

12 ÷ 3 = _____

4.
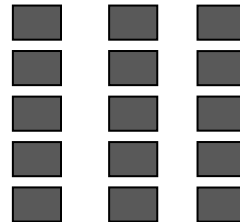
Group the squares to show 15 ÷ 5 = _____, where the unknown represents the number of groups.

How many groups are there? _____

5. Daniel has 12 apples. He puts 6 apples in each bag. Circle the apples to find the number of bags Daniel makes.

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

   b. Draw a number bond to represent the problem.

6. Jacob draws cats. He draws 4 legs on each cat for a total of 24 legs.

   a. Use a count-by to find the number of cats Jacob draws. Make a drawing to match your counting.

   b. Write a division sentence to represent the problem.