1. Mr. Hannigan puts 12 pencils into boxes. Each box holds 4 pencils. Circle groups of 4 to show the pencils in each box.



Mr. Hannigan needs _____ boxes.

12 ÷ 4 = _____

2. Mr. Hannigan places 12 pencils into 3 equal groups. Draw to show how many pencils are in each group.

There are _____ pencils in each group.

Use an array to model Problem 1. 3.

The number in the blanks represents

4.	Judy washes 24 dishes. She then dries and stacks the dishes equally into 4 piles. How many dishes are in
	each pile?

What is the meaning of the unknown factor and quotient? _____

5. Nate solves the equation $___ \times 5 = 15$ by writing and solving $15 \div 5 = ___$. Explain why Nate's method works.

6. The blanks in Problem 5 represent the number of groups. Draw an array to represent the equations.

Answer Key

- 1. Three groups of 4 circled; 3; 3; 3
- 2. Three groups of 4 drawn and circled; 4; 4; 4
- 3. Array of 3 rows of 4 drawn
 - a. 3; 3; the number of groups
 - b. 4; 4; the size of each group
- 4. 6; 6; the size of each group
- 5. Answers will vary.
- 6. Array of 3 rows of 5 drawn