Date _____

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.

The number in the blanks represents



Lesson 6: Date:

Interpret the unknown in division using the array model. 5/23/14

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

24 ÷ 4 =

4 × _____ = 24

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.



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