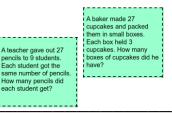
Identify the Unknown

Materials: Identify the Unknown cards and sorting mat



- 1. Read each problem and identify the unknown. Do you need to find the number of groups or the number of items in a group? Sort the problems under the appropriate headings on the table.
- 2. Represent each problem using an equation with a symbol for the unknown number.
- 3. Use pictures, numbers, or words to solve each problem.
- 4. Share your work with a partner. Justify your reasoning.
- 5. Write two story problems using the numbers 3, 5 and 15. The first one should be a "How many groups?" type problem. The second one should be a "How many in each group?" type problem. Share your problems with your partner.

Identify the Unknown

Number of Groups Unknown		Number of Items in a Group Unknown	
	Solve:		Solve:
	Solve:		Solve:
	Solve:		Solve:
	Solve:		Solve:

Identify the Unknown cards

A teacher gave out 27 pencils to 9 students. Each student got the same number of pencils. How many pencils did each student get?	A baker made 27 cupcakes and packed them in small boxes. Each box held 3 cupcakes. How many boxes of cupcakes did he have?	A gardener had 28 seeds to plant in pots. She decided to plant 7 seeds in each pot. How many pots of seeds did she plant?
A class of 32 students were divided equally into teams for a relay race. Each relay team had 4 students. How many relay teams were there?	A shopkeeper had 28 hats to display in rows in the store window. He decided to display 4 rows with the same number of hats in each row. How many hats were in each row?	A farmer had 32 pounds of grain. He had 8 cows to feed. Each animal was given the same amount of grain. How many pounds of grain did each animal get?