

Multiplication and Division in Word Problems



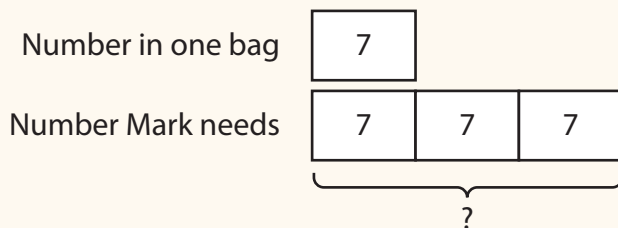
Dear Family,

This week your child is learning about multiplication and division in word problems.

Your child will be solving problems like the one below.

*A card store sells bags of 7 markers. Mark needs 3 times that amount.
How many markers does Mark need?*

You can use a bar model to help understand the problem.



Then you can use the bar model to write an equation to help understand the problem.

$$3 \times \text{number of markers in one bag} = \text{total markers needed}$$

$$3 \times 7 = ?$$

Then you can solve the equation.

$$3 \times 7 = 21$$

So, Mark needs 21 markers.

Invite your child to share what he or she knows about multiplication and division in word problems by doing the following activity together.



ACTIVITY MULTIPLICATION AND DIVISION IN WORD PROBLEMS

Do this activity with your child to explore using multiplication and division in word problems.

Materials number cube, 45 counters, such as pennies, beans, shells, or paper clips

- Have your child roll the number cube first. Your child takes that number of counters and records the number.

Example: Your child rolls a 4 and takes 4 counters.

- Then you roll the number cube. This number tells you how many times the number of your child's counters you take.

Example: You roll a 3. You take 3 times as many counters as your child.
You take 12 counters.

- Have your child count to check the number of counters you get in all. Then have your child tell or write a comparison multiplication equation.

Example: $3 \times 4 = 12$

- Finally, write a real-world story to match the multiplication equation.

Example: Tess has 4 seashells. I have 3 times as many seashells as Tess.
I have 12 seashells.

- Repeat at least 6 times.

