

# Multiplication and Division

How do we know when to multiply or divide when solving word problems?

We **multiply** when we are asked to find the **total** amount.

We **divide** when we are asked to find the **parts** of the total.

**Instructions:** Solve the following word problems using multiplication or division.

1. You're having a pizza party with your friends. You get 6 large pizzas for the party. Each pizza has 8 slices. How many slices of pizza are there in total?
  - a. 14
  - b. 36
  - c. 40
  - d. 48
  
2. Your brother took a few slices of pizza for his friends. Then, there were 36 slices left. You decide to share the 36 slices evenly between you and your 8 friends. How many slices will each person get?
  - a. 4
  - b. 6
  - c. 9
  - d. 27
  
3. In a video game, you get 22 points every time you pass a street sign. How many signs do you have to pass to get 330 points?
  - a. 12
  - b. 15
  - c. 18
  - d. 20

4. You are making a game to play at your party. You plan to use a multiplication table to play the game you invented. You have to fill in the table and make copies for your friends. Fill in the table.

0	1	2	3	4	5	6	7	8	9	10
1										
2										
3										
4										
5										
6										
7										
8										
9										
10										

5. You have \$65 to buy baseball cards. How many packs of baseball cards can you buy if each pack costs \$5. Write your answer as a sentence.