# Multiplication Story Problems

Solve Using Pictures and Arrays

# Step 1: What do you understand from reading the story problem?

# Step 2: What could you do to find the total number?

# Step 3: What is the answer?
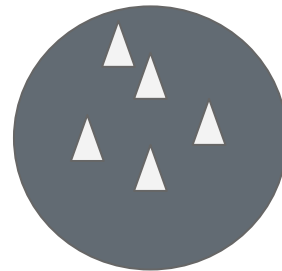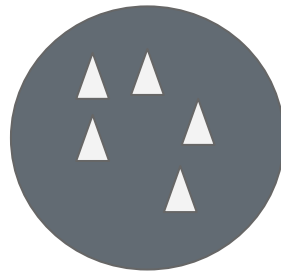
# Step 4: How do you know your answer makes sense?

# Problem 1:
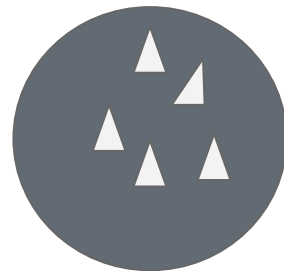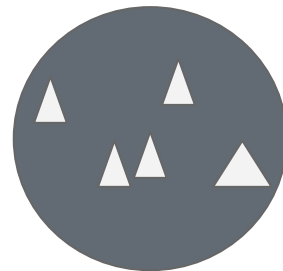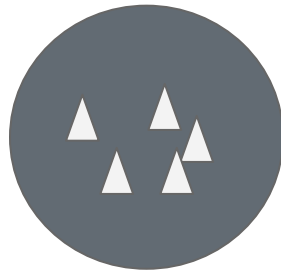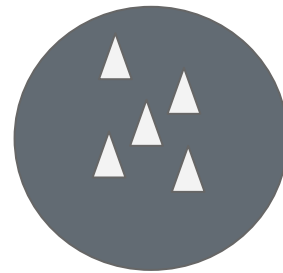
Mark buys 8 packages of giant balloons. There are 5 balloons in each package. How many balloons will Mark have?

# Problem 1 Answer:
## 8 x 5 = ?
## 8x5=40
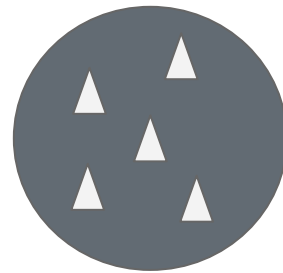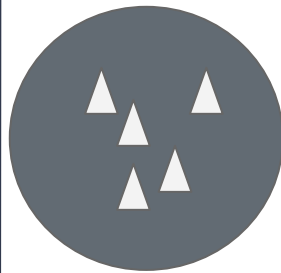
# Problem 2:

Renee buys 3 packages of Chocolate Scented Pens. There are 6 pens in a package. Can she give one pen to each of the 20 children in her class?

Problem 2 Answer:
3x6=?
3x6=18

20-18= 2

Renee can't give one pen to each child because she has only 18 pens.

# Problem 3:

Use an Array to Solve the Following Problem:

There are 24 Trombone players in a big parade. Use counters/pictures to show the trombone players in equal rows. Write a number model

# Problem 3 Answers

3x8=24
8x3=24
4x6=24
6x4=24
2x12=24
12x2=24
1x24=24
24x1=24

Here is one example of an array you can draw:
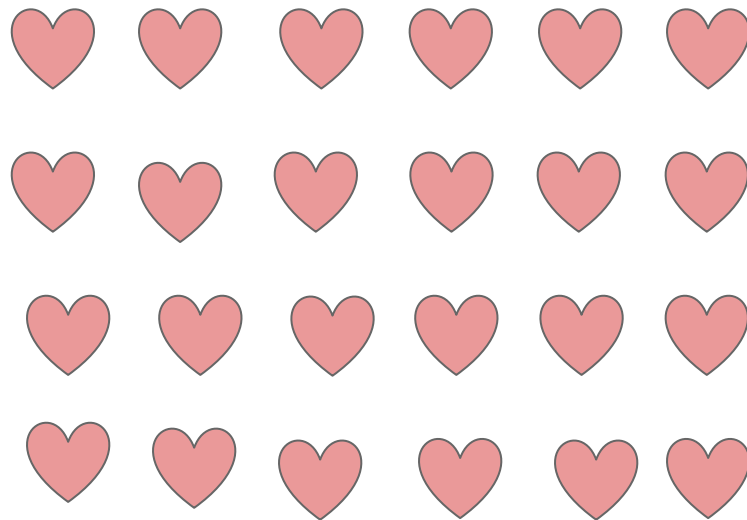
# Problem 4

Use an array to solve the following problem:

There are 5 rows of chairs and 3 chairs in each row. How many chairs are there in all?

# Problem 4 Answer

5x3=15

I challenge you to create 5 of your own problems. Show the picture or array that you use to solve the problem along with a number model.