

Pose and Solve Problems



Quick Review

Thirty-two students signed up for swimming lessons.
The classes are taught in groups of 8.
How many classes will there be?

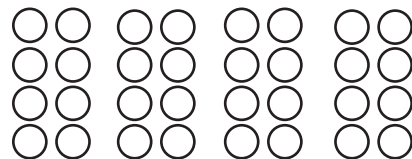
Here are 2 ways to find out.

- Use a model.

Use 32 counters.

Put them into groups of 8.

So, there will be 4 classes.



- Guess, then test.

Suppose you guess 5 classes.

Test: $5 \times 8 = 40$; that is too many students.

Guess again: $4 \times 8 = 32$; that is the correct number.

So, there will be 4 classes.

Try These

Use counters or guess, then test. Show your work.

- Twenty-three students go on a camping trip.
Each tent holds 4 students.
How many tents will be needed?

- Ramzi has 4 cages of gerbils.
There are 5 gerbils in each cage.
How many gerbils does Ramzi have?

Practice

1. Suri picked 72 apples. Each basket holds 9 apples.
How many baskets did she need?

2. Enrico saw 16 bicycles and tricycles in the playground.
He counted a total of 36 wheels.
How many bicycles were there? How many tricycles?

3. Use the data in the table.
Write a story problem you can solve
using multiplication or division.
Solve your problem.

Product	Number in a Box
Tennis balls	3
Baseballs	6
Hockey pucks	4

Stretch Your Thinking

Chase had 81 chickens. He sold an equal number of chickens to each of 3 customers and had 54 chickens left. How many chickens did Chase sell to each customer?
