

# Two Ways to Divide

Elaboration 3 · Recognising sharing and grouping problems

## ELABORATION FOCUS

Recognising problems that need division, and telling apart 3 equal groups from groups of 3.

**LEARNING INTENTION** I can tell apart sharing and grouping.

12 counters

Share it

3 equal groups

groups of 3

Both use 12

**1**

### Read the Problem

Step 1: find the total. Step 2: ask what the other number tells you.

**2**

### Sharing: 3 Equal Groups

Step 3: deal 12 into 3 groups.  
Step 4: count one group. It is 4.

**3**

### Grouping: Groups of 3

Step 5: make groups of 3 until 12 is used. Step 6: count the groups. There are 4.

## MODEL · 3 EQUAL GROUPS OR GROUPS OF 3

The same 12 counters, divided two different ways.

**3 equal groups**



4 in each group

**groups of 3**



4 groups

Sharing gives 4 in each group. Grouping gives 4 groups. Both are  $12 \div 3 = 4$ .

**TEACHER MODELLING ROUTINE** I do → We do → You do

## WATCH FOR

Mixing up the number of groups with the number in each group.

## REMEMBER

Sharing tells you how many in each group. Grouping tells you how many groups.

## MATERIALS

Counters, paper plates, sorting hoops, cups, story cards.