

Teams, Shares and Leftovers

Elaboration 3 · Sharing fairly and handling remainders

ELABORATION FOCUS

Modelling practical sharing problems, and deciding what to do when there is a remainder.

LEARNING INTENTION I can share fairly and deal with leftovers.

26 people

Teams of 4

6 teams

2 left over

Decide

1

Read the Problem

Step 1: how many people in all? Step 2: how many in each team?

2

Make the Groups

Step 3: count out teams of 4.
Step 4: 4, 8, 12, 16, 20, 24 makes 6 teams.

3

Decide About the Leftovers

Step 5: 2 people are left. Step 6: choose what is fair for them.

MODEL · 26 PEOPLE IN TEAMS OF 4

Six full teams are made and two people are left over.



2 left over



They can be helpers or join two teams.

24 in teams + 2 left over = 26 people

$26 \div 4$ is 6 teams with 2 left, so we add the 2 to teams or make them helpers.

TEACHER MODELLING ROUTINE

I do → We do → You do

WATCH FOR

Ignoring the leftovers, or making a team that is not the right size.

REMEMBER

Leftovers still count. Decide a fair plan and say it in words.

MATERIALS

Counters, team cards, name pegs, play money, sharing plates.