

Sharing Money Fairly

AC9M1N06 E3 · Official ACARA elaboration

use mathematical modelling to solve practical problems involving equal sharing and grouping; represent the situations with diagrams, physical and virtual materials, and use calculation strategies to solve the problem

Learning Intention: sort coins by type, then share them equally between 4 people.

1. Sort the Coins

Sort by type.

Same coins together.

2. Share Equally

Give each person one.

Go around 4 people.

Keep sharing

3. Check Each Set

Count each person's coins.

Same amount each?

Then it is fair

Let's Try Together Sort first, then share - write how many each person gets.

8 coins

4 people.

Sort, then share.

Each gets ____

12 coins

4 people.

Share them all.

Each gets ____

\$12

4 people.

Share the dollars.

Each gets \$____

Watch For

Not sorting coins first

An unfair share

Mixing up coin types

Let's Talk

- Did everyone get the same?
- How did sorting help?
- How many coins each?

Materials & Models

- ✓ Play coins
- ✓ Money box
- ✓ Sorting trays
- ✓ Four purses