

# How Many?

You need  a calculator (optional)

## Activity One

There are 32 children in Tofoi's class. Each child chose their favourite sport.

- A quarter chose touch rugby.
- An eighth chose T-ball.
- A quarter chose Irish dancing.
- The remaining children all chose netball.

How many children were in each group?

## Activity Two

Kaliopeta is preparing an umu recipe that uses 60 vegetables.

1. How many of each vegetable will she need if:
  - a. a quarter of the vegetables are taro?
  - b. a quarter of the vegetables are kūmara?
  - c. a third of the vegetables are yams?
  - d. a sixth of the vegetables are breadfruit?
2. If Kaliopeta wanted to double the recipe, would the fractions of vegetables change?

## Activity Three

1.
  - a. What fraction of the 24 children at this swimming pool are wearing blue togs?
  - b. What fraction of the children are wearing red togs?
  - c. What fraction of the children are wearing yellow togs?
2. At lunchtime, two children wearing blue togs and three children wearing yellow togs leave the pool. Then one child wearing green togs arrives.
  - a. Now what fraction of the children are wearing blue togs?
  - b. What fraction of the children are wearing green togs?
  - c. What fraction of the children are wearing yellow togs?