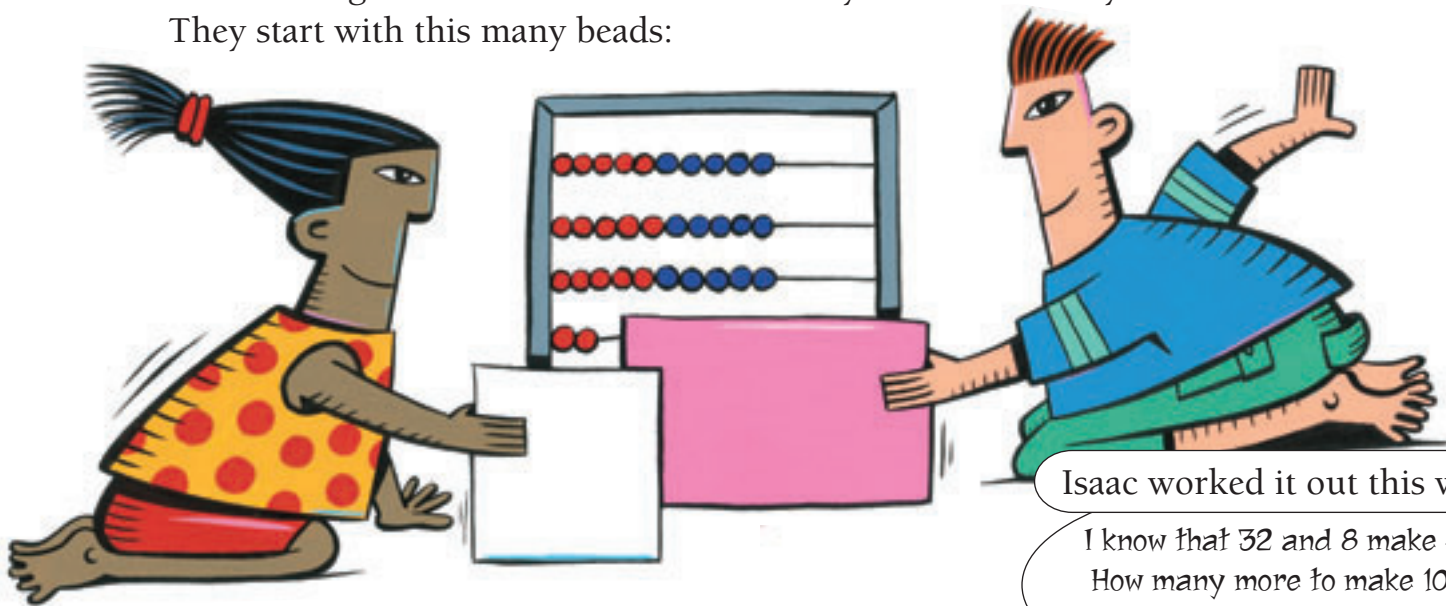


# Different Strokes!

You need  a 100-bead frame  a classmate  2 pieces of cardboard

## Activity

Isaac and Ngāwai have to find out how many more beads they need to make 100. They start with this many beads:



Isaac worked it out this way:

I know that 32 and 8 make 40.  
How many more to make 100?  
40 and 60 make 100.  
That's 68 beads.

Ngāwai worked it out this way:

If I take off two beads,  
there will be 30 left.

How many more do I need to make 100?  
 $30 + 70 = 100$ , so I take two off 70,  
and that's 68 beads.

Isaac and Ngāwai write this as an equation:  $32 + 68 = 100$

**1.** Use Isaac and Ngāwai's equation to help you answer these questions:

- a.  $68 + 32 =$       b.  $68 + 33 =$   
c.  $100 - 32 =$       d.  $100 - 69 =$

**2.** With a classmate, use your bead frame to work out how many more beads you need to make 100 if there are:

- a. 49 beads      b. 75 beads  
c. 81 beads      d. 3 beads

Now write a subtraction equation for each question.

