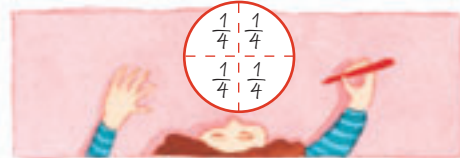
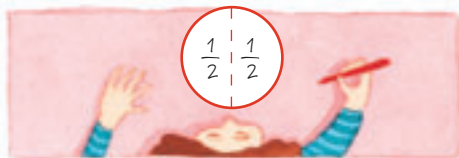


Circle Segments

You need ✓ 5 paper circles of the same size (get these from your teacher)
 ✓ scissors

Activity One

1. Fold one of your circles in half and write $\frac{1}{2}$ on each part of the circle.
2. Fold a different circle into quarters and label each part $\frac{1}{4}$.



3. Fold another circle into thirds and another into sixths.
4. Leave the last circle as a whole.
5. Cut up your circles into fraction pieces.

Here's what Jodie and Ralph found out about their fractions when they cut up their circles.



$$\frac{1}{4} + \frac{1}{4} = \frac{1}{2}$$

Jodie could cover her one half with two quarters.

She wrote down this fraction sentence:

$$\frac{1}{4} + \frac{1}{4} = \frac{1}{2}$$



$$\frac{1}{3} > \frac{1}{6}$$

Ralph found that he needed two sixths to cover one third.

He wrote down this fraction sentence:

$$\frac{1}{3} > \frac{1}{6}$$

Use your circle fraction shapes to work out some other fraction sentences.

Activity Two

Pieta put these marks on the two pizza boxes to help her cut up pizzas evenly.

How could Pieta use her marks to cut a pizza into:

1. halves?
2. quarters?
3. fifths?
4. eighths?
5. tenths?

