Fractions

I Write down the shaded fractions. Compare them using the correct symbol: >, < or =.



- 2 Write all the smaller fractions in question I above in ascending order.
- **3** Write all the larger fractions in question **I** above in descending order.
- 4 Complete. **a** $\frac{5}{10} = \frac{10}{20} = \frac{100}{100}$ **b** $\frac{2}{4} = \frac{6}{8} = \frac{6}{12}$ **c** $\frac{1}{3} = \frac{1}{100} = \frac{2}{100}$ **d** $\frac{1}{2} = \frac{1}{100} = \frac{1}{100}$
 - e The above sets of fractions are all equal in size. What is the name of these fractions?
- **5** Write 3 equivalent fractions for each of the given fractions below.

a	$\frac{3}{4}$	b $\frac{5}{100}$	c	4	d $\frac{1}{25}$
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Calculations with fractions

I In jar A there are $\frac{2}{3}$ of the contents left. In Jar B there are $\frac{5}{q}$ of the contents left. Which jar is holding the most jam? Tick the correct answer and explain why. Jar A Jar B



Explanation:

4



- **a** Jo has spent $\frac{1}{10}$ of R50.
- **b** Amy had R100.
 She spent ¹/₄ of her money.

Which rope is shorter: $\frac{7}{25}$ of 100 cm or $\frac{10}{20}$ of 1 m? 3



I am bigger than $\frac{10}{40}$.

I am smaller than $\frac{10}{12}$.

My denominator is equal to the number of sides of triangle.

- - My numerator is equal to $\frac{1}{4}$ of 20.

I am equivalent to $\frac{25}{30}$.

5 Measure the lines below. Then divide the lines into the following fractions between 0 and 1.

a	quarters	
b	thirds	
с	halves	
d	sixths	

