

Mathematics

Fair shares

Mr Coward



Try this



This is 1 chocolate bar

How many ways could you share the chocolate bar between three?



Sketch how you could share the bar.



Independent task

1) Write the following questions in fraction notation

- a) $2 \div 3$ b) $3 \div 4$ c) 5 divided by 3

2) A group of friends are sharing 2 chocolate bars. What fraction of a chocolate bar do they each get if ...

a) ... there are 3 friends?

b) ... there are 5 friends?

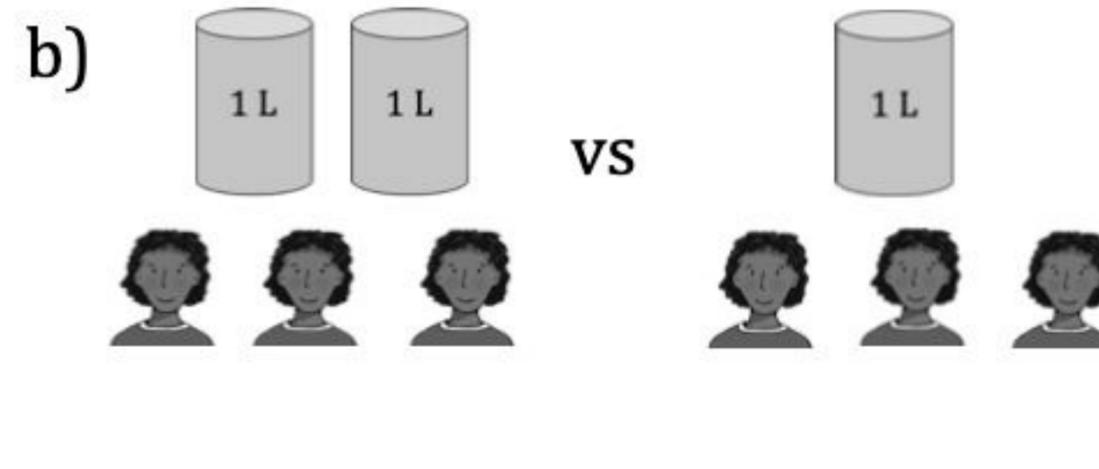
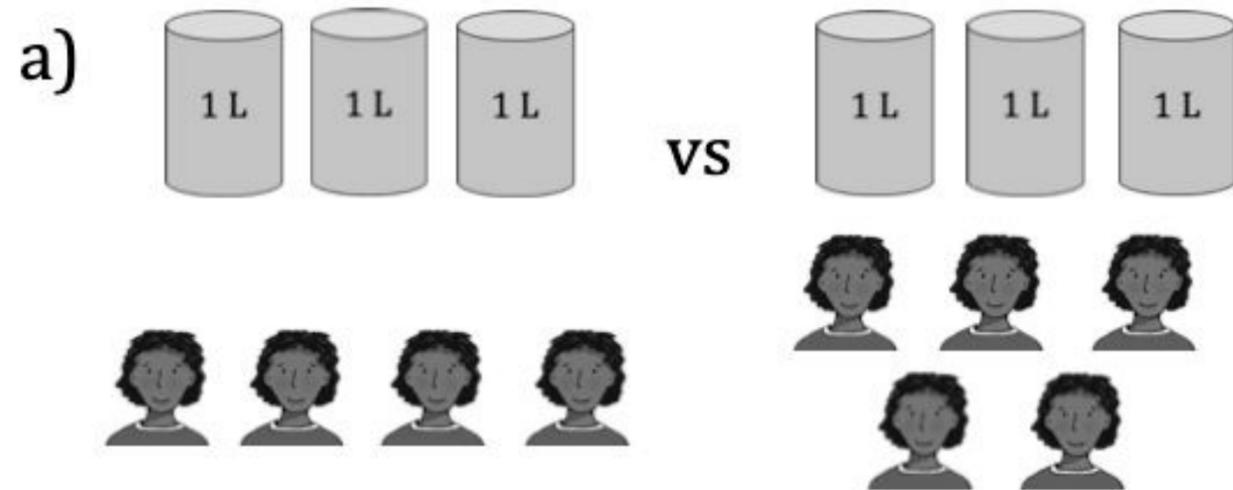
c) ... there are 7 friends?

} Sketch diagrams to represent each situation



Independent task

3) In each situation decide which group gets more soda per person.
How much do they get each?



Explore

Which is bigger? What do you notice?

$$\frac{2}{3} \text{ or } \frac{3}{4}?$$

$$\frac{3}{2} \text{ or } \frac{4}{3}?$$

$$\frac{1}{3} \text{ or } \frac{1}{4}?$$

$$\frac{3}{1} \text{ or } \frac{4}{1}?$$

$$\frac{2}{5} \text{ or } \frac{3}{7}?$$

$$\frac{5}{2} \text{ or } \frac{7}{3}?$$

You may wish to draw a picture to support your answer.

