

Think together

1 A packet of rusks is $\frac{6}{7}$ full.



Draw a diagram to show how the biscuits can be shared equally between the 3 babies.

Write this as a division calculation.

$$\frac{6}{7} \div 3 = \frac{\square}{\square}$$

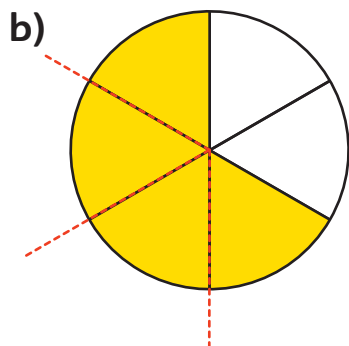
What fraction of the packet does each baby get?

Each baby gets $\frac{\square}{\square}$ of the packet.

2 What division calculations are shown?



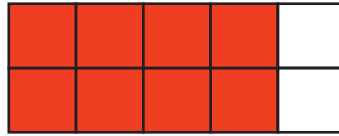
$$\frac{\square}{\square} \div \square = \frac{\square}{\square}$$



$$\frac{\square}{\square} \div \square = \frac{\square}{\square}$$

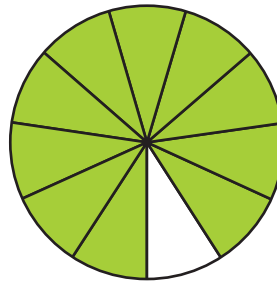
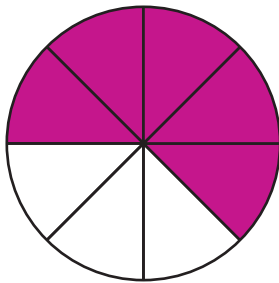
CHALLENGE

3 a) Use the diagrams to complete these calculations.



$$\frac{3}{5} \div 3 = \frac{\square}{\square}$$

$$\frac{\square}{\square} \div 4 = \frac{\square}{\square}$$



$$\frac{\square}{\square} \div 5 = \frac{\square}{\square}$$

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I think there is a link between the numerators and what I am dividing by. I will check whether this works with the other questions I have done.



Is there a way you can find each answer without drawing a diagram?

b) Work out the missing fractions without using a diagram.

$$\frac{3}{4} \div 3 = \frac{\square}{\square}$$

$$\frac{12}{25} \div 3 = \frac{\square}{\square}$$

$$\frac{8}{9} \div 2 = \frac{\square}{\square}$$

$$\frac{\square}{\square} \div 4 = \frac{2}{9}$$

I will check my answers using diagrams.

