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.
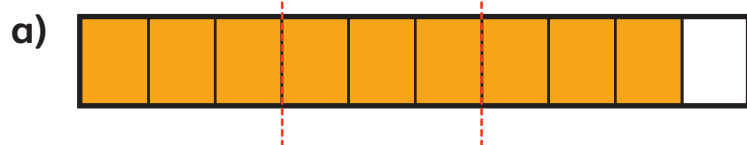
Write this as a division calculation.

$$\frac{6}{7} \div 3 = \frac{\boxed{}}{\boxed{}}$$
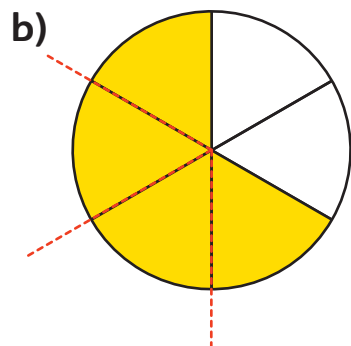
What fraction of the packet does each baby get?

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

2 What division calculations are shown?

a)

$$\frac{\boxed{}}{\boxed{}} \div \boxed{} = \frac{\boxed{}}{\boxed{}}$$

b)

$$\frac{\boxed{}}{\boxed{}} \div \boxed{} = \frac{\boxed{}}{\boxed{}}$$

3 **a)** Use the diagrams to complete these calculations.

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

$$\frac{\boxed{}}{\boxed{}} \div 4 = \frac{\boxed{}}{\boxed{}}$$
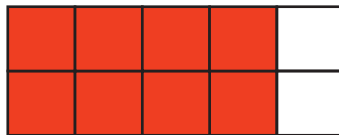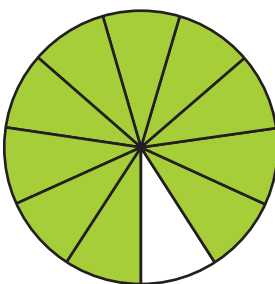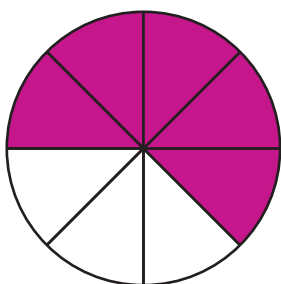
> I think there is a link between the numerators and what I am dividing by. I will check whether this works with the other questions I have done.

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

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

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

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

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

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

> I will check my answers using diagrams.

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

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