Dividing a fraction by a whole number
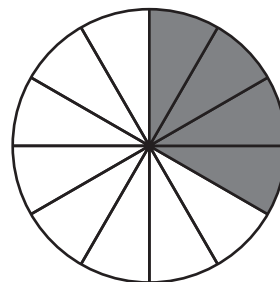
1 This circle is divided into twelfths.

4 of the twelfths can be divided into 2 equal groups.

How many twelfths are there in each group?
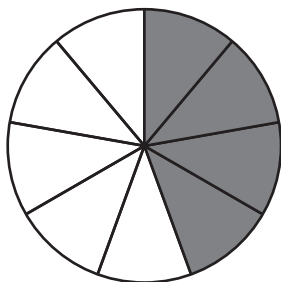
There are [ ] twelfths in each group.

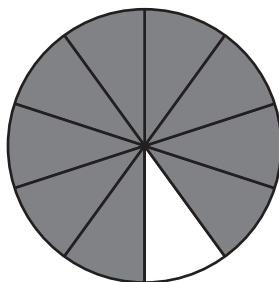Write this as a division.

$\frac{4}{12} \div 2 = \frac{\boxed{}}{\boxed{}}$

2 Use the diagrams to help you work out the divisions.

a)

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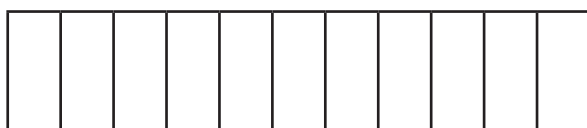
b)

$\frac{9}{10} \div 3 = \frac{\boxed{}}{\boxed{}}$

c)

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

3 Work out these divisions.

a) $\frac{10}{11} \div 5 = \frac{\boxed{}}{\boxed{}}$

b) $\frac{4}{5} \div 4 = \frac{\boxed{}}{\boxed{}}$