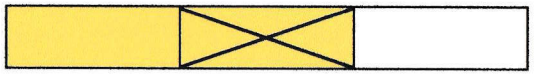
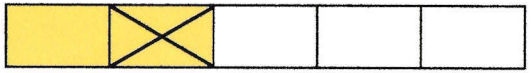
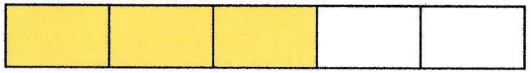
# Subtract fractions

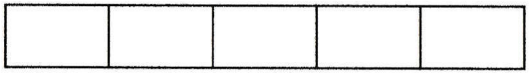
**1** Complete the subtractions.

Use the bar models to help you.

a)  $\frac{2}{3} - \frac{1}{3} = \square$

b)  $\frac{2}{5} - \frac{1}{5} = \square$

c)  $\frac{3}{5} - \frac{1}{5} = \square$

d)  $\frac{4}{5} - \frac{1}{5} = \square$

**2** Jack has $\frac{7}{8}$ of a chocolate bar.

He eats $\frac{4}{8}$ of the chocolate bar.

What fraction of the chocolate bar does he have left?

Jack has $\square$ of the chocolate bar left.

**3** Complete the subtractions.

a) $\frac{7}{10} - \frac{1}{10} = \square$

b) $\frac{7}{10} - \frac{2}{10} = \square$

c) $\frac{7}{10} - \frac{3}{10} = \square$

d) $\frac{7}{12} - \frac{3}{12} = \square$

e) $\frac{8}{12} - \frac{4}{12} = \square$

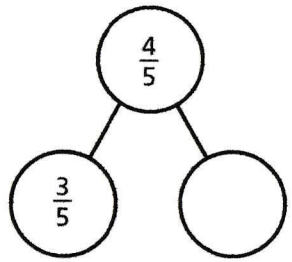
f) $\frac{9}{12} - \frac{5}{12} = \square$

g) $\frac{9}{59} - \frac{5}{59} = \square$

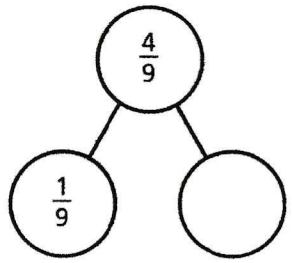
h) $\frac{13}{127} - \frac{9}{127} = \square$

**4** Complete the part-whole models.

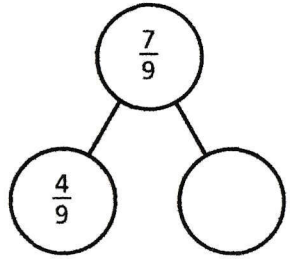
a)




b)

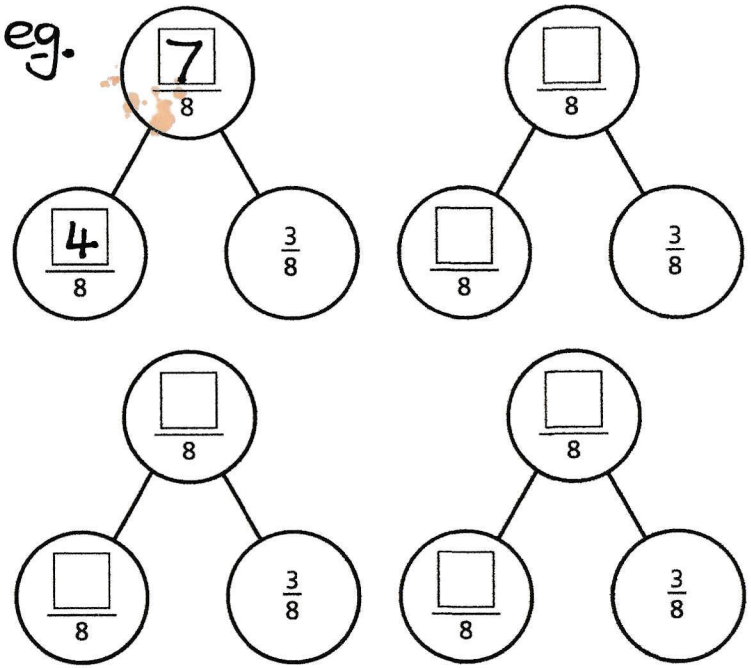



c)



**5** Complete the part-whole model in four different ways.

eg.




**6** Kim has read $\frac{6}{7}$ of her book.

Tom has read $\frac{2}{7}$ of his book.

**a)** Shade the bar models to represent this information.

Kim

Tom

**b)** How much more has Kim read than Tom?

Kim has read ☐ more of her book than Tom.

## Challenge

**7** Write the missing numerators.

Use bar models to help you.

Remember each side of the equation must equal the same.

a) $\frac{8}{9} - \frac{\square}{9} = \frac{7}{9}$

b) $\frac{5}{11} - \frac{\square}{11} = \frac{4}{11}$

c) $\frac{8}{9} - \frac{\square}{9} = \frac{3}{9} + \frac{4}{9}$

d) $\frac{7}{9} - \frac{5}{9} = \frac{\square}{9} - \frac{4}{9}$

e) $\frac{7}{10} - \frac{5}{10} = \frac{1}{10} + \frac{\square}{10}$

f) $\frac{\square}{4} - \frac{1}{4} = \frac{1}{4} + \frac{1}{4}$

g) $\frac{\square}{5} - \frac{2}{5} = \frac{1}{5} + \frac{2}{5}$

h) $\frac{4}{5} + \frac{1}{5} = \frac{3}{7} - \frac{2}{7} + \frac{\square}{7}$