




Subtract fractions


1 Complete the subtractions.

Use the bar models to help you.

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

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

c)  $\frac{3}{5} - \frac{1}{5} = \frac{2}{5}$

d)  $\frac{4}{5} - \frac{1}{5} = \frac{3}{5}$

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 $\frac{3}{8}$ of the chocolate bar left.



3 Complete the subtractions.

Simplify your answers where possible.

a) $\frac{7}{10} - \frac{1}{10} = \frac{6}{10} = \frac{3}{5}$

e) $\frac{8}{12} - \frac{4}{12} = \frac{4}{12} = \frac{1}{3}$

b) $\frac{7}{10} - \frac{2}{10} = \frac{5}{10} = \frac{1}{2}$

f) $\frac{9}{12} - \frac{5}{12} = \frac{4}{12} = \frac{1}{3}$

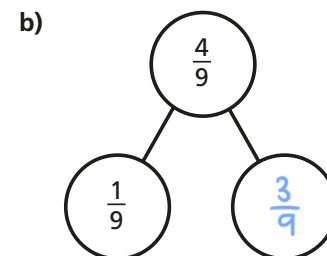
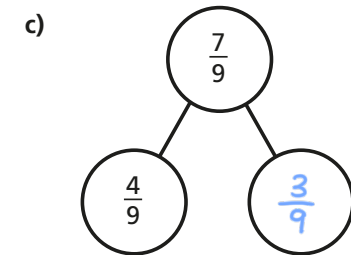
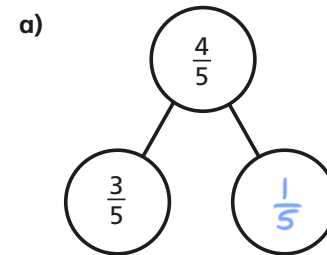
c) $\frac{7}{10} - \frac{3}{10} = \frac{4}{10} = \frac{2}{5}$

g) $\frac{9}{59} - \frac{5}{59} = \frac{4}{59}$

d) $\frac{7}{12} - \frac{3}{12} = \frac{4}{12} = \frac{1}{3}$

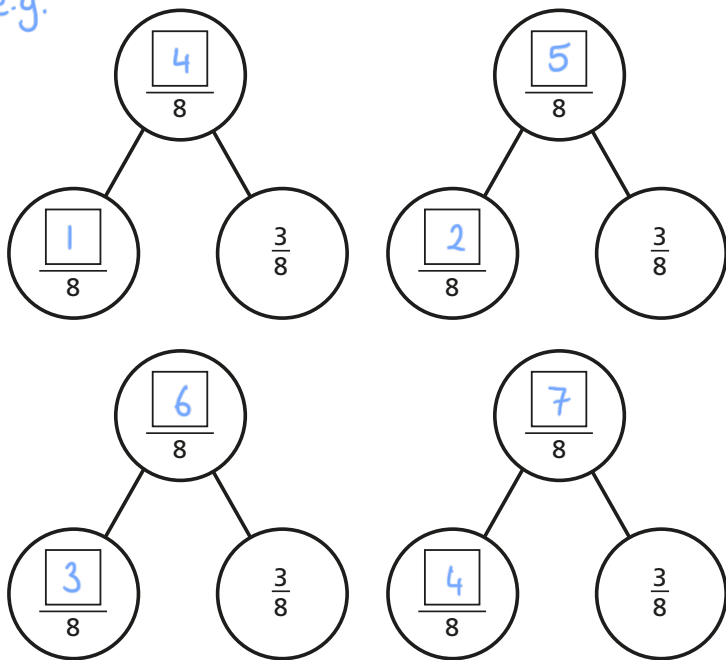
h) $\frac{13}{127} - \frac{9}{127} = \frac{4}{127}$

4 Complete the part-whole models.



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

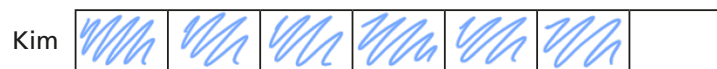
e.g.



- 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.



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

Kim has read $\frac{4}{7}$ more of her book than Tom.

- 7 Write the missing numerators.

a) $\frac{8}{9} - \frac{\boxed{1}}{9} = \frac{7}{9}$

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

b) $\frac{5}{11} - \frac{\boxed{1}}{11} = \frac{4}{11}$

f) $\frac{\boxed{3}}{4} - \frac{1}{4} = \frac{1}{4} + \frac{1}{4}$


c) $\frac{8}{9} - \frac{\boxed{1}}{9} = \frac{3}{9} + \frac{4}{9}$

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



d) $\frac{7}{9} - \frac{5}{9} = \frac{\boxed{6}}{9} - \frac{4}{9}$

h) $\frac{4}{5} + \frac{1}{5} = \frac{3}{7} - \frac{2}{7} + \frac{\boxed{6}}{7}$

- 8 Complete the table to show three possible values of the square and triangle.

 $-\frac{\text{red square}}{92} = \frac{13}{92}$

e.g.

	
14	1
20	7
30	17

How many other answers can you find?

