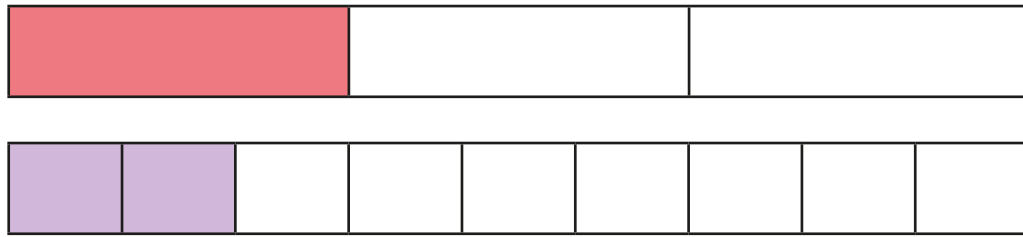


# Add and subtract fractions (1)

1 Eva is working out  $\frac{1}{3} + \frac{2}{9}$

She uses two fraction strips.

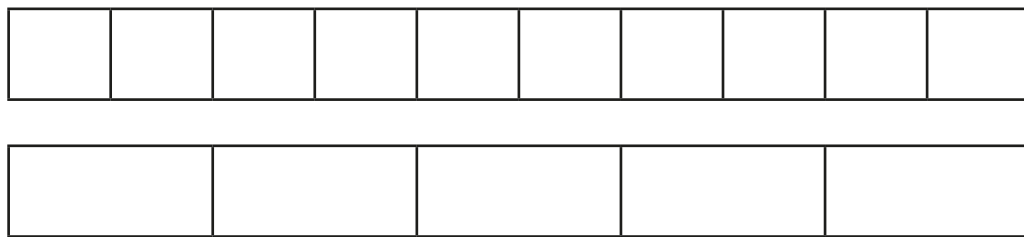


Use the fraction strips to help you complete the calculations.

$$\frac{1}{3} = \frac{\square}{9} \quad \frac{1}{3} + \frac{2}{9} = \frac{\square}{9} + \frac{2}{9} = \frac{\square}{9}$$

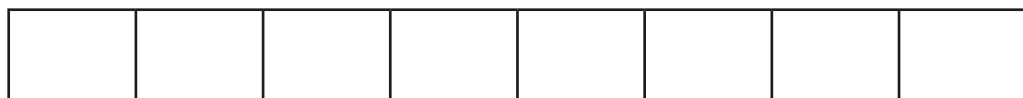
2 Complete the addition.

$$\frac{3}{10} + \frac{2}{5} = \square$$



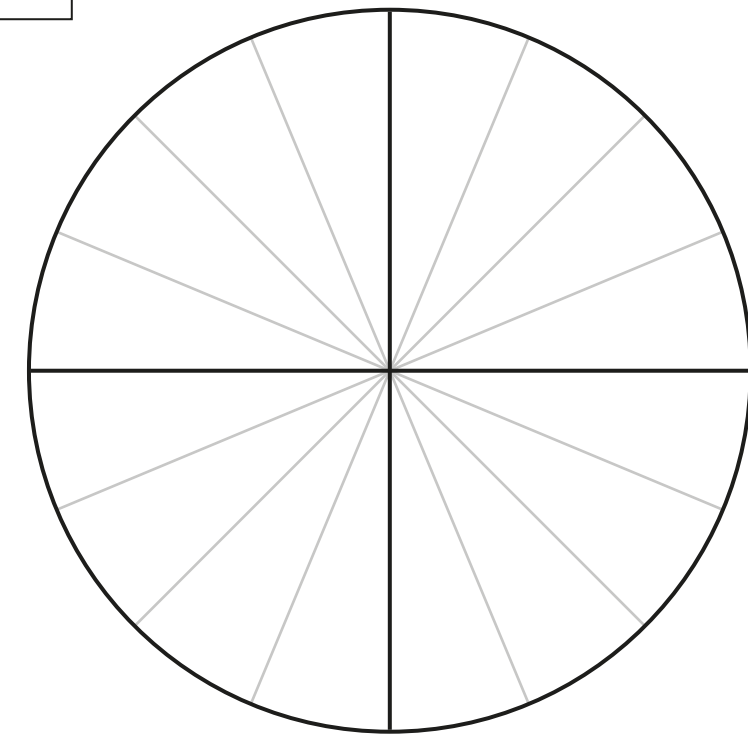
3 Use the bar model to complete the subtraction.

$$\frac{7}{8} - \frac{1}{4} = \square$$



4 Use the diagram to complete the calculation.

$$\frac{9}{16} - \frac{1}{4} = \square$$



5 Mo spends  $\frac{3}{5}$  of his pocket money on a present for his sister.

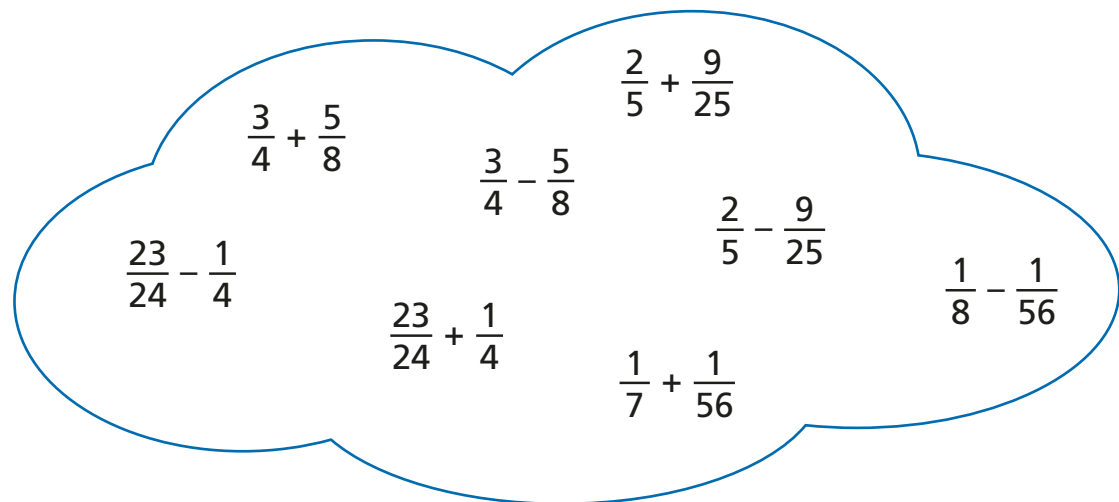
He gives  $\frac{2}{15}$  of his pocket money to charity.

What fraction of his pocket money does he have left?

You may use the fraction strip to help you.



6 Sort the calculations into the correct part of the table.



Calculations with answers less than 1	Calculations with answers greater than 1

7 Complete the calculations.

Give your answers in their simplest form.

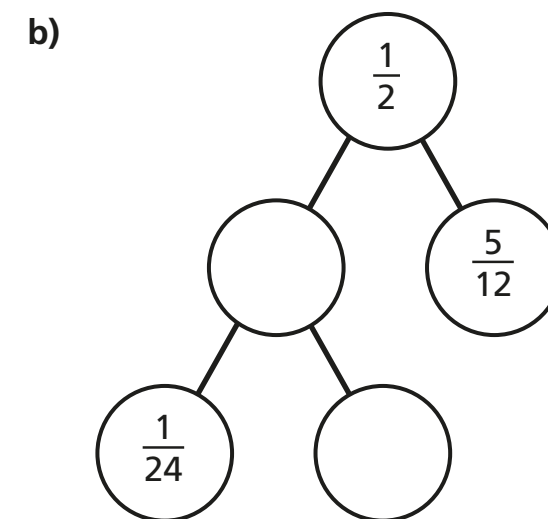
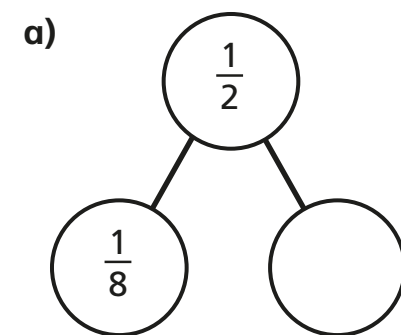
a)  $\frac{9}{20} + \frac{3}{5} = \square$

c)  $\frac{2}{5} + \square = \frac{17}{30}$

b)  $\frac{9}{100} + \frac{7}{20} = \square$

d)  $\frac{17}{50} - \square = \frac{19}{100}$

8 Complete the part-whole models.



9



A jug is filled with  $\frac{9}{10}$  of a litre of juice.

$\frac{3}{50}$  of a litre of juice is poured into a glass.

$\frac{7}{100}$  of a litre of juice is poured into another glass.

How much juice is left in the jug?

There is  $\square$  of a litre of juice left in the jug.

Talk about your method with a partner.