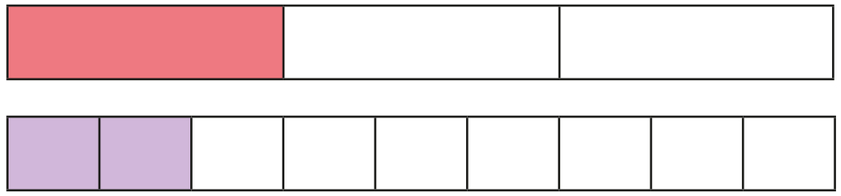
Add and subtract simple fractions

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

She uses two fraction strips.

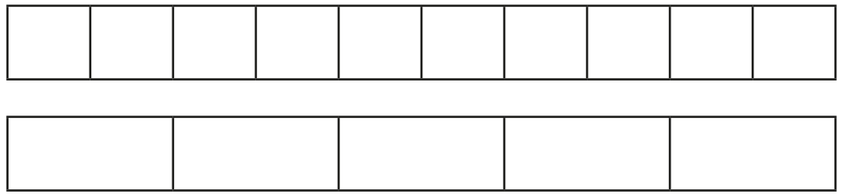


Use the fraction strips to help you complete the calculations.

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

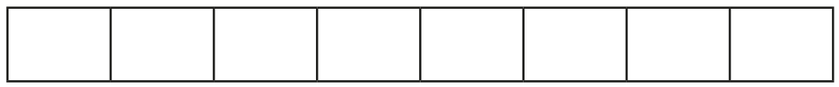
2 Complete the addition.

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



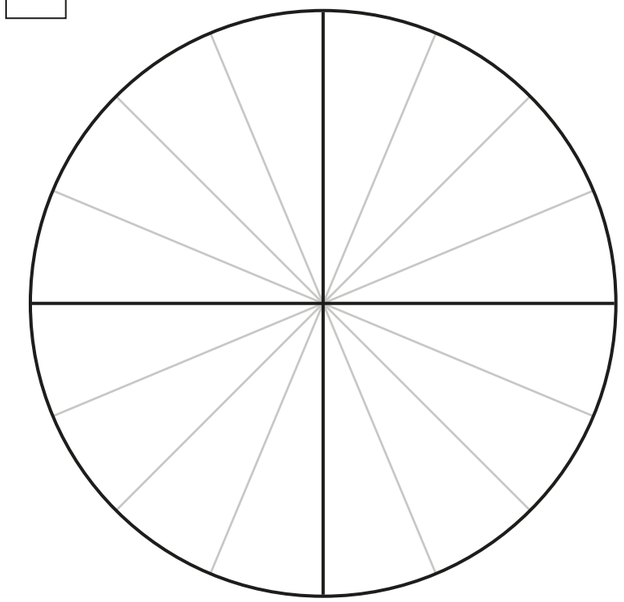
3 Use the bar model to complete the subtraction.

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



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.



$\square$

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

$\frac{3}{4} + \frac{5}{8}$

$\frac{3}{4} - \frac{5}{8}$

$\frac{2}{5} + \frac{9}{25}$

$\frac{23}{24} - \frac{1}{4}$

$\frac{2}{5} - \frac{9}{25}$

$\frac{1}{8} - \frac{1}{56}$

$\frac{23}{24} + \frac{1}{4}$

$\frac{1}{7} + \frac{1}{56}$

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

7 Complete the calculations.

Give your answers in their simplest form.

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

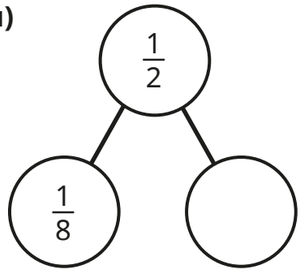
b) $\frac{9}{100} + \frac{7}{20} = \square$

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

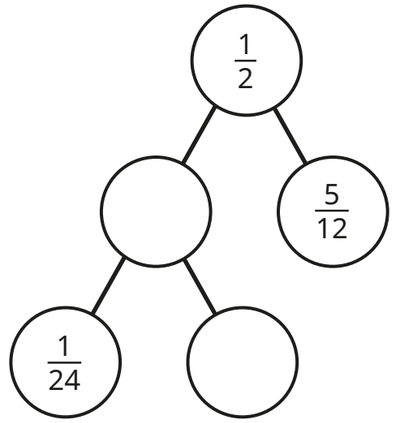
d) $\frac{17}{50} - \square = \frac{19}{100}$

8 Complete the part-whole models.

a)



b)



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.

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