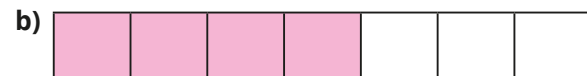


1 Complete the sentences to match each bar model.

of the bar model is shaded.

of the bar model is not shaded.

As a fraction, the whole is

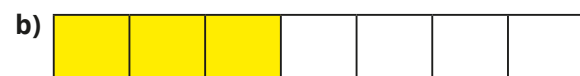


2 Complete the calculations to match the bar models.



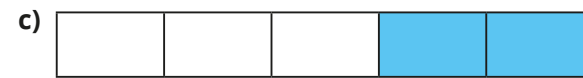
$$\frac{1}{6} + \boxed{\phantom{00}} = \frac{6}{6}$$

$$\frac{1}{6} + \boxed{\phantom{00}} = 1$$



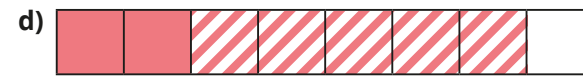
$$\frac{3}{7} + \boxed{\phantom{00}} = \frac{7}{7}$$

$$\frac{3}{7} + \boxed{\phantom{00}} = 1$$



$$\boxed{\phantom{00}} + \frac{2}{5} = \frac{5}{5}$$

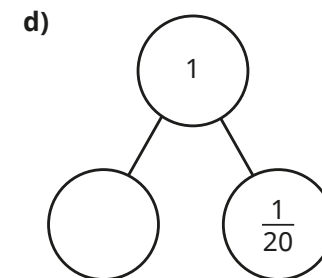
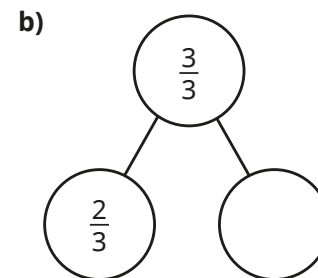
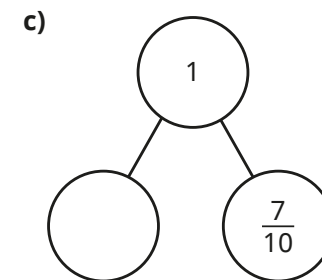
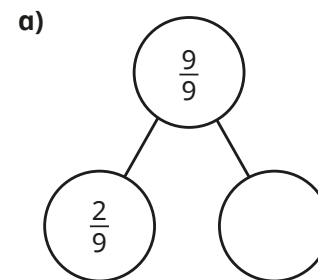
$$\boxed{\phantom{00}} + \frac{2}{5} = 1$$



$$\frac{2}{8} + \boxed{\phantom{00}} + \boxed{\phantom{00}} = \frac{8}{8}$$

$$\frac{2}{8} + \boxed{\phantom{00}} + \boxed{\phantom{00}} = 1$$

3 Complete the part-whole models.





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

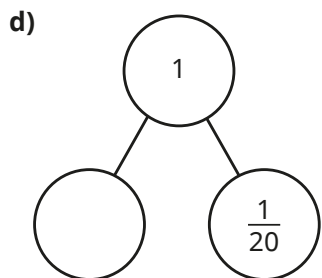
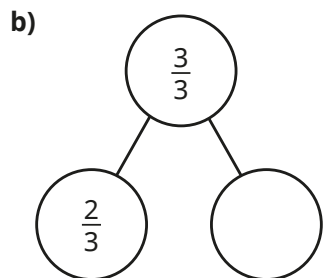
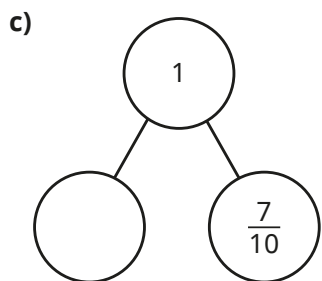
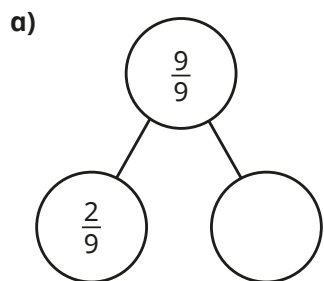
$$\square + \frac{2}{5} = 1$$



$$\frac{2}{8} + \square + \square = \frac{8}{8}$$

$$\frac{2}{8} + \square + \square = 1$$

3 Complete the part-whole models.



4 Complete the number sentences.

a)  $\frac{1}{5} + \square = 1$

d)  $1 = \frac{8}{9} + \square$

g)  $\frac{1}{7} + \square + \frac{2}{7} = 1$

b)  $\frac{4}{7} + \square = 1$

e)  $1 = \frac{3}{10} + \square$

h)  $\frac{4}{9} + \square + \square = 1$

c)  $\square + \frac{3}{8} = 1$

f)  $\frac{47}{100} + \square = 1$

5 Max and Sam share a box of stickers.

Max gets  $\frac{1}{4}$  of the stickers.

What fraction of the stickers does Sam get?

6 Ron has a bar of chocolate.

He eats  $\frac{3}{8}$  of the bar.

What fraction of the bar of chocolate is left?

7 Some marbles are shared between three boxes.

$\frac{7}{25}$  of the marbles are in the first box.

$\frac{9}{25}$  of the marbles are in the second box.



The second and third boxes have the same number of marbles.

Do you agree with Jo?

Show your workings.