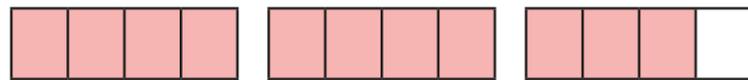


# Partition a mixed number

1 What mixed number is shown by each bar model?

a)



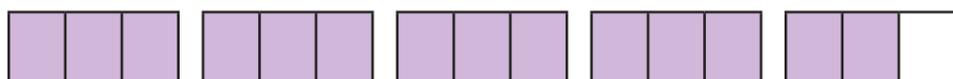

b)




c)

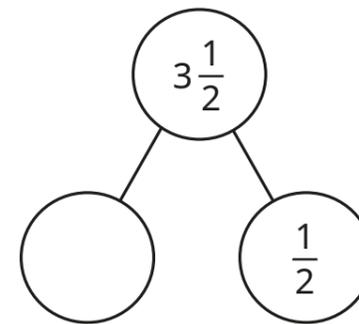



d)

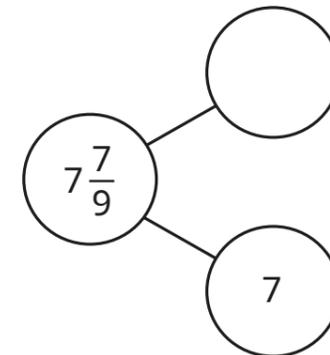



2 Complete the part-whole models.

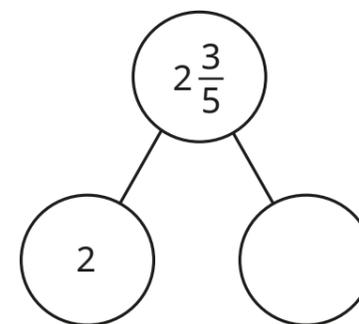
a)



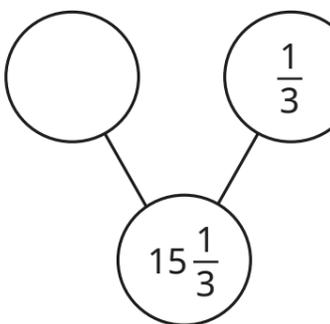
d)



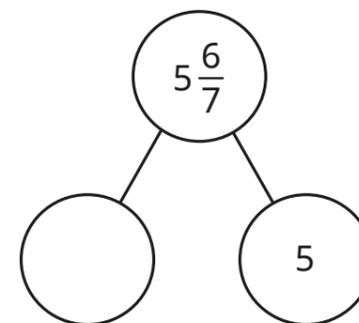
b)



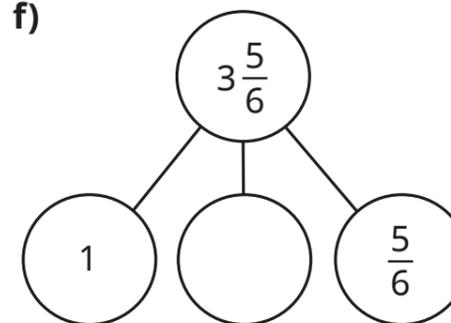
e)



c)



f)



3 Complete the additions.

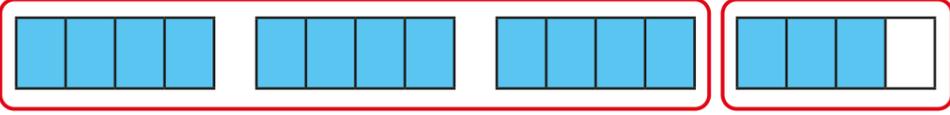
a)  $6\frac{5}{8} = 6 + \square$

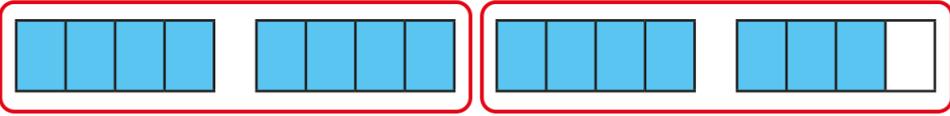
c)  $4 + \square = 4\frac{1}{3}$

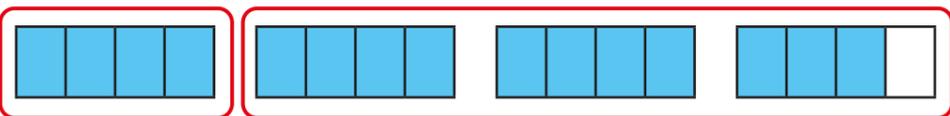
b)  $7\frac{1}{5} = \square + \frac{1}{5}$

d)  $8 + \square = 8\frac{2}{9}$

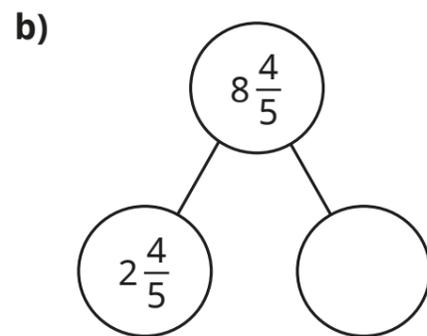
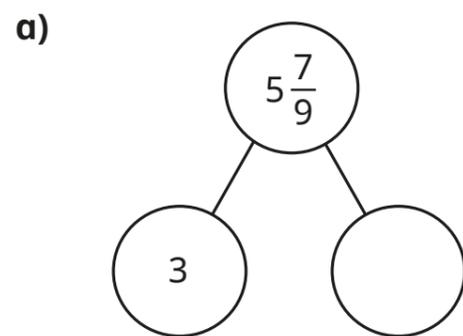
4 Fill in the missing numbers.

a)   $3 + \square$

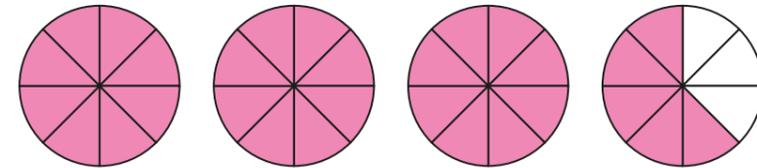
b)   $2 + \square$

c)   $\square + \square$

5 Complete the part-whole models.



6 Complete the additions.



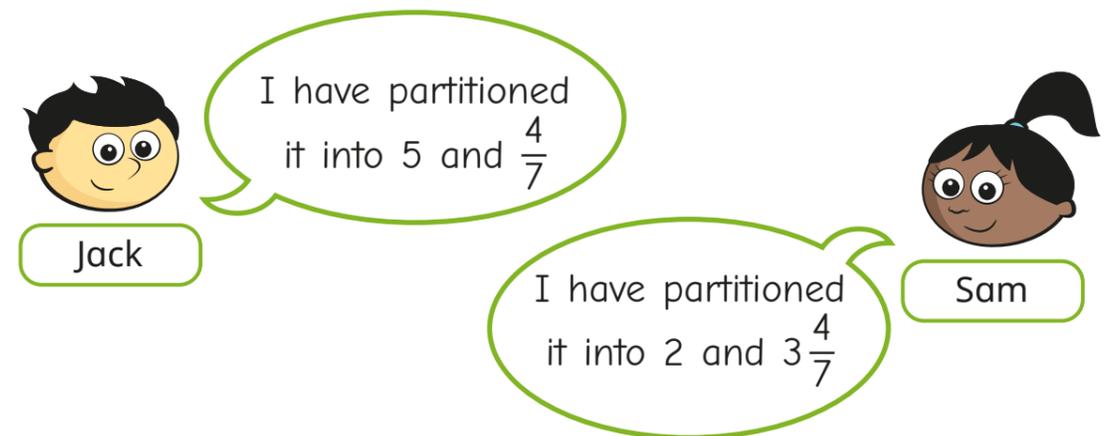
a)  $3\frac{1}{8} + \square = 3\frac{5}{8}$

c)  $\square + \frac{2}{8} = 3\frac{5}{8}$

b)  $3\frac{2}{8} + \square = 3\frac{5}{8}$

d)  $3\frac{4}{8} + \square = 3\frac{5}{8}$

7 Jack and Sam are partitioning  $5\frac{4}{7}$



Jack: I have partitioned it into 5 and  $\frac{4}{7}$

Sam: I have partitioned it into 2 and  $3\frac{4}{7}$

a) Who is correct? \_\_\_\_\_

Explain your thinking.

b) Partition  $5\frac{4}{7}$  in as many different ways as you can.

\_\_\_\_\_

\_\_\_\_\_

\_\_\_\_\_