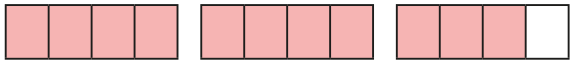
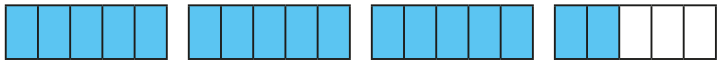
Partition a mixed number

1 What mixed number is shown by each bar model?

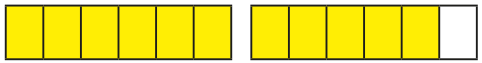
a)



b)



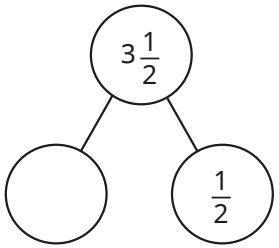
c)



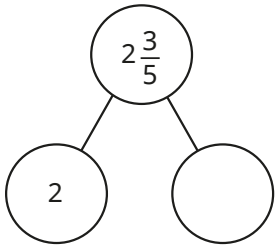
d)

2 Complete the part-whole models.

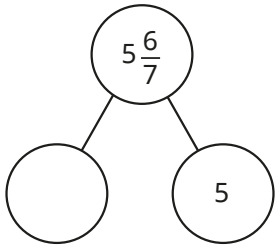
a)



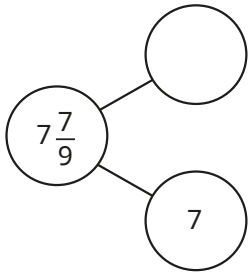
b)



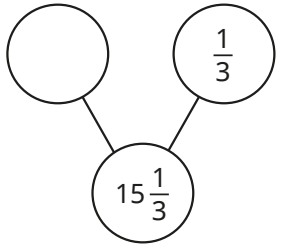
c)



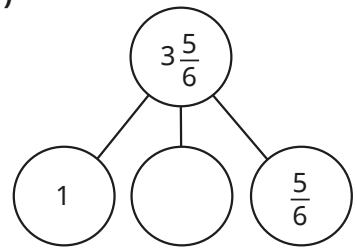
d)



e)



f)



3 Complete the additions.

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

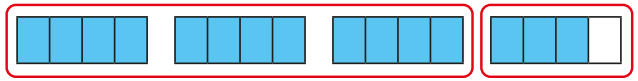
b) $7\frac{1}{5} = \square + \frac{1}{5}$

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

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

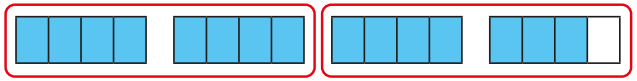
4 Fill in the missing numbers.

a)



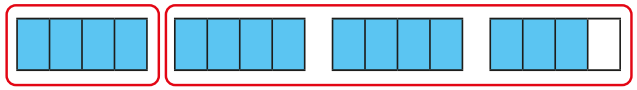
$3 + \square$

b)



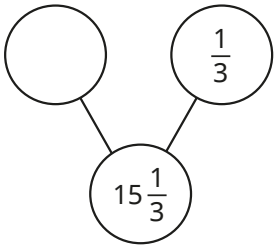
$2 + \square$

c)

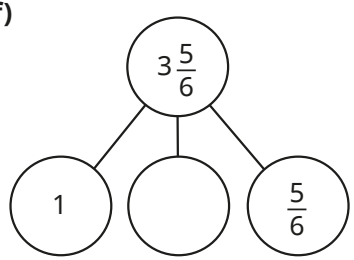


$\square + \square$

e)



f)



3 Complete the additions.

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

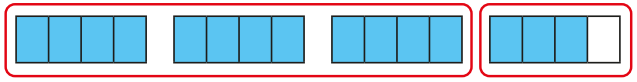
b) $7\frac{1}{5} = \square + \frac{1}{5}$

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

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

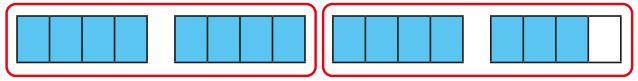
4 Fill in the missing numbers.

a)



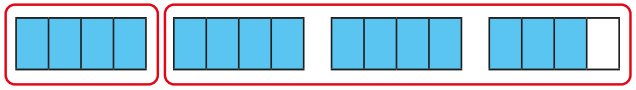
$3 + \square$

b)



$2 + \square$

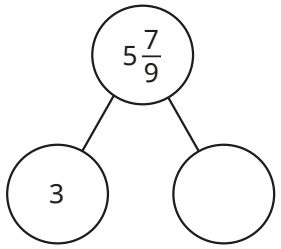
c)



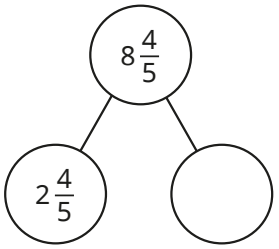
$\square + \square$

5 Complete the part-whole models.

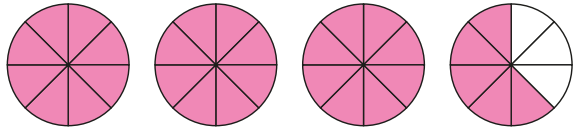
a)



b)



6 Complete the additions.



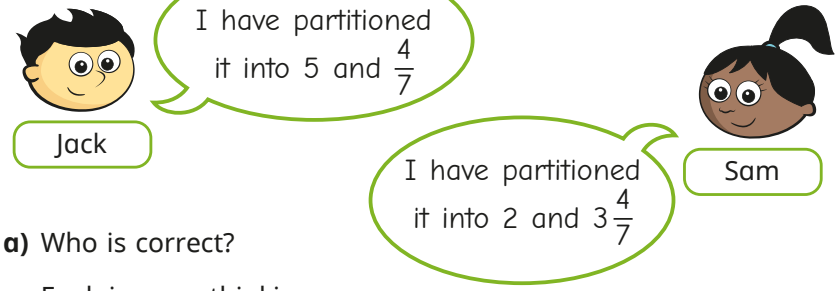
a) $3\frac{1}{8} + \square = 3\frac{5}{8}$

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

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

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

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



a) Who is correct?

Explain your thinking.

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