

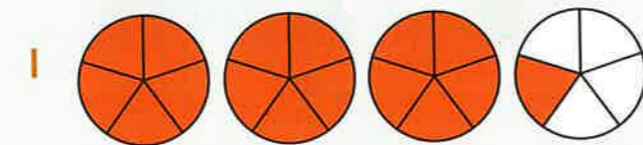
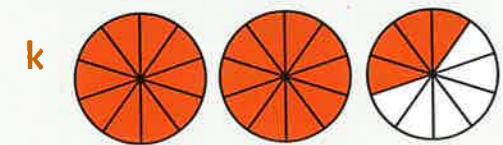
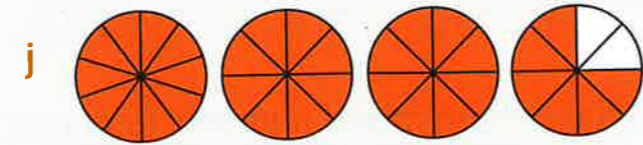
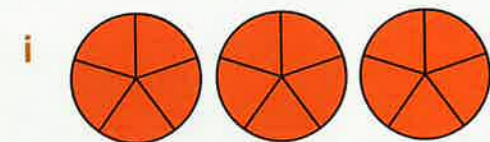
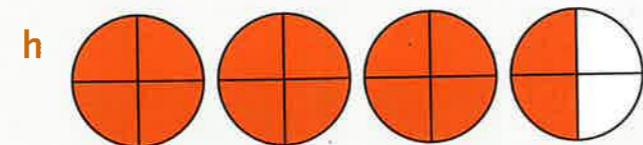
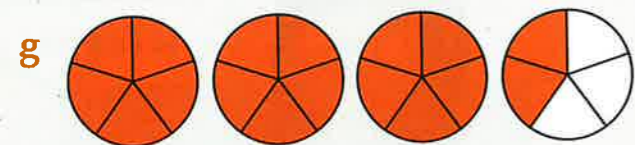
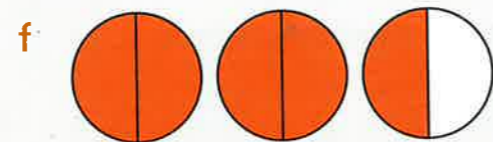
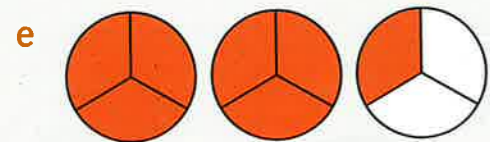
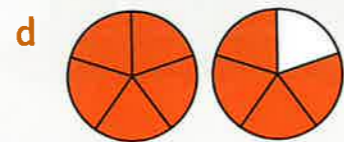
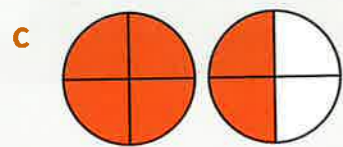
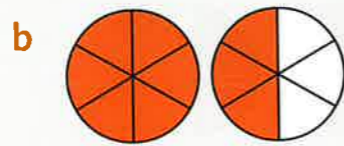
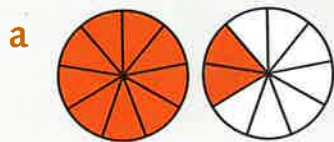
proper fractions and mixed numbers (2)



Recognise mixed numbers and improper fractions and convert from one form to the other
 Connect fractions > 1 that simplify to integers with division and other fractions > 1 to division with remainders

Write the improper fraction and the mixed number for each diagram.

Example
 $\frac{7}{3} = 2\frac{1}{3}$

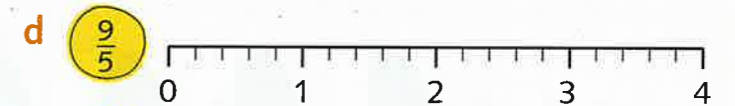


Challenge 2

1 Copy the number lines and use them to convert the improper fractions to mixed numbers. Write the division calculation for each one.

Example

$17 \div 8 = 2\frac{1}{8}$



2 Write ten more improper fractions. Convert them to mixed numbers. Draw a number line to help you.

Challenge 3

1 Convert these improper fractions to mixed numbers. Write the division calculation for each one.

a $\frac{23}{5}$

b $\frac{18}{4}$

c $\frac{9}{2}$

d $\frac{15}{3}$

e $\frac{31}{7}$

f $\frac{39}{8}$

g $\frac{47}{10}$

h $\frac{40}{9}$

i $\frac{13}{4}$

j $\frac{34}{10}$

k $\frac{37}{5}$

l $\frac{39}{12}$

2 Explain the relationship between mixed numbers and improper fractions.

3 Write some examples of when mixed numbers may be used in real life.

