


Understand the whole

1 Complete the sentences for each bar model.


a)  The whole is split into equal parts.

The denominator is

part is shaded.


So the numerator is

The fraction shaded is $\frac{\text{$

b)  The whole is split into equal parts.

parts are shaded.

The fraction shaded is $\frac{\text{$

c)  The whole is split into equal parts.

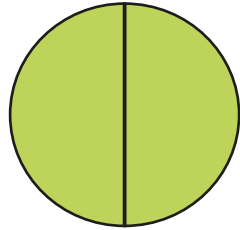
parts are shaded.

The fraction shaded is $\frac{\text{$

What do you notice?



2 Complete the sentences for the shapes.

a)  The whole is split into equal parts.

parts are shaded.

The fraction shaded is $\frac{\text{$

b)  The whole is split into equal parts.

parts are shaded.

The fraction shaded is $\frac{\text{$

c)  The whole is split into equal parts.

parts are shaded.

The fraction shaded is $\frac{\text{$

What do you notice?

3 Use the word bank to complete the sentences.

part

whole

numerator

denominator

When the _____ shape is shaded, the
_____ is equal to the _____

When the _____ is equal to the _____,
the fraction is equal to 1 _____

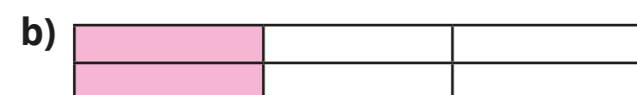


4 Complete the sentences for each shape.



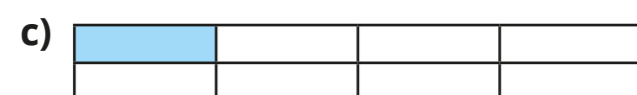
of the shape is shaded.

more needs to be shaded to complete the whole.



of the shape is shaded.

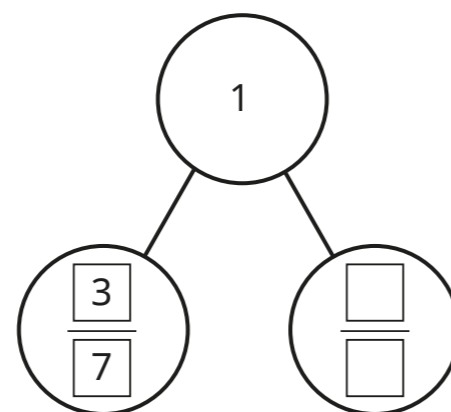
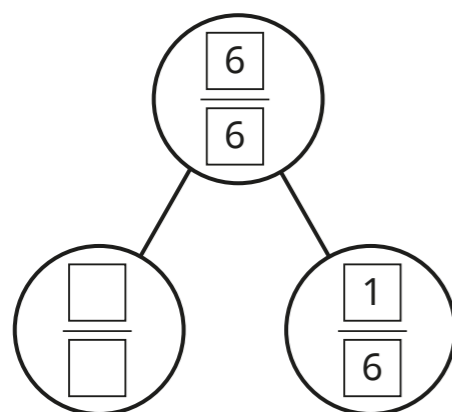
more needs to be shaded to complete the whole.



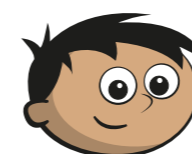
of the shape is shaded.

more needs to be shaded to complete the whole.

5 Complete the part-whole models.



6 Amir and Annie are thinking of different fractions.



Amir

The denominator of my fraction is 9 and the numerator is 5 less.



Annie

When we put our fractions together, they are equal to 1 whole.

What fraction is Annie thinking of?

7 $\frac{3}{5}$ of the audience at a concert are adults.

What fraction are children?

8 Two fractions are equal to 1 whole altogether.

Use the digit cards to work out what the fractions could be.

You can use the digit cards more than once each time.



<input type="text"/>	<input type="text"/>
<input type="text"/>	<input type="text"/>

Find all the possible combinations of fractions that are equal to 1 whole.

Compare answers with a partner.