

Year 1 Reasoning & Problem-Solving Examples

True or False? Find a part.

The other part is 3

White Rose Maths

Winks has got some cakes.



I started with more than 5 cakes but fewer than 8 cakes. Somebody has eaten some!

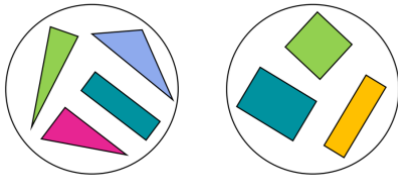
Here are the cakes that are left.

How many cakes could Tiny have started with?

How many cakes could have been eaten?



Winks has sorted some shapes. Which is the wrong set? Why?



Tom has 3 marbles.



Sam has 2 more marbles than Tom.

How many marbles do they have in total?

What could the missing numbers be?



is greater than 15, but less than 20

is less than eighteen, but greater than twelve.

Compare answers with a partner.



4 and 5 are a bond to 8



Can you use cubes to show that Winks is wrong? Talk about it with a partner.

Max has five counters.



He puts the counters away.

Each counter is either in the bag or in the cup.

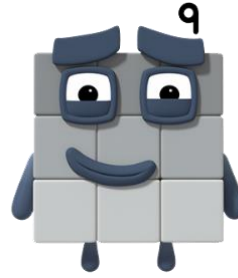


How many counters could be in the bag and in the cup?

Write eight number sentences to show this.

How many different answers can you find?

Talk about it with a partner.



Number block 9 is an **even** number because he has a flat top. True or false?

Can you make a model to help explain your answer?