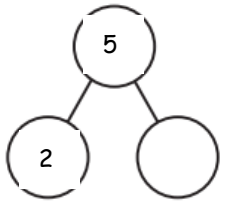
Maths: Breaking apart

Activity 1: Work out the answers to the problems and complete the part whole models. Remember for takeaway, the answer is a part and not the whole.

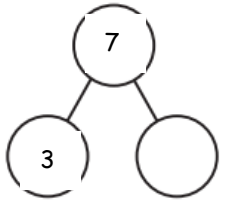
1. How many children do not have hats?

□ − □ = □



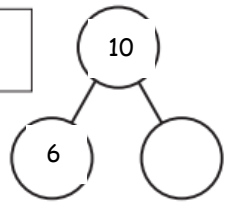

2. How many ice-creams have sprinkles?

□ − □ = □



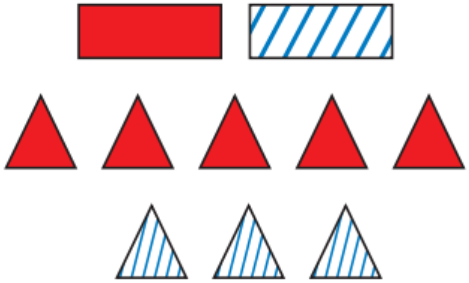

3. How many marbles are green?

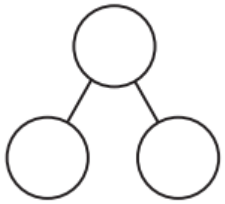
□ − □ = □




Activity 2: There is more than 1-part whole to complete. Think about colours and shapes.

Complete the part-whole model and subtraction.

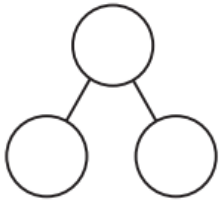




□ − □ = □

What has your subtraction worked out?

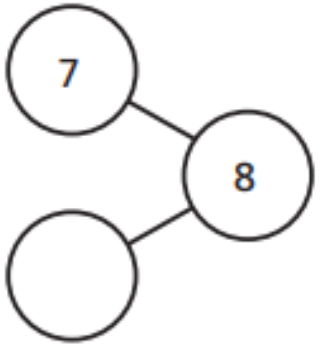
Find another way to complete the part-whole model and subtraction.



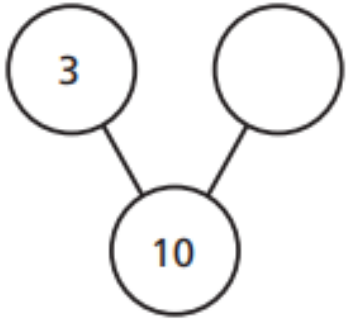
□ − □ = □

Maths: Breaking apart

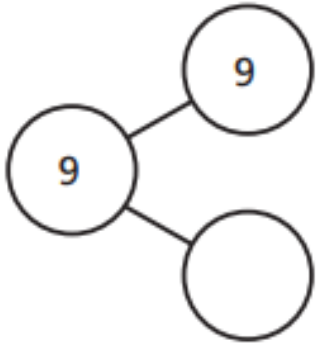
Activity 3: Complete the part whole models and number sentences. The part whole models have tried to trick you by changing the way they are drawn. Remember: biggest number is the whole.




8 − 7 = ☐



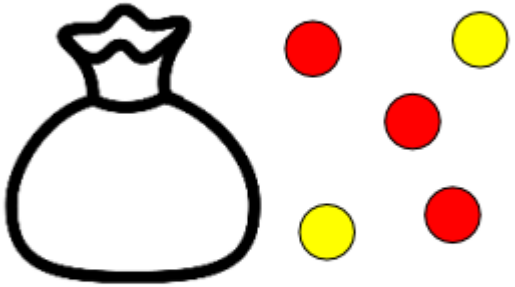

10 − ☐ = ☐




☐ − ☐ = ☐

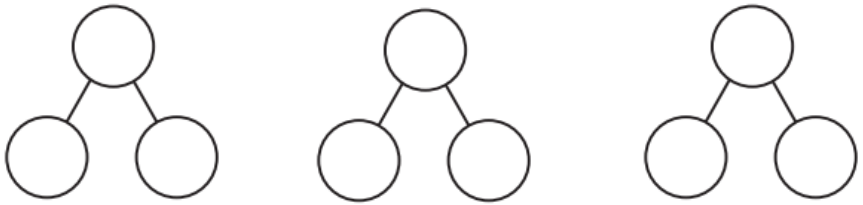
Activity 4: Remember to work systematically. Hint: The whole will change each time.

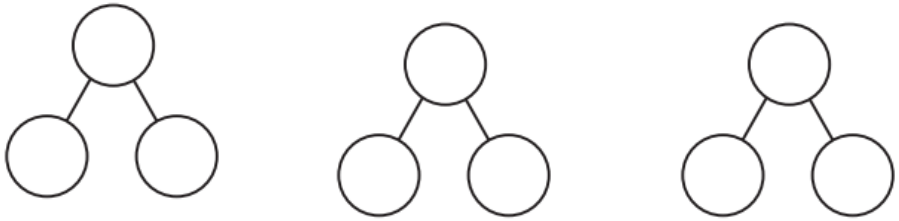
There are no more than 10 counters in total.



How many counters could be in the bag?

Why can't it be six?





Maths: Breaking apart

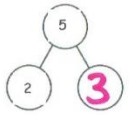
*Answers:*

Maths: Breaking apart

Activity 1: Work out the answers to the problems and complete the part whole models. Remember for takeaway, the answer is a part and not the whole.

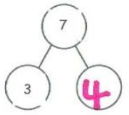
1. How many children do not have hats?

5 - 2 = 3



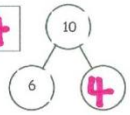

2. How many ice-creams have sprinkles?

7 - 3 = 4



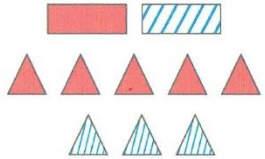

3. How many marbles are green?

10 - 6 = 4




Activity 2: There is more than 1-part whole to complete. Think about colours and shapes.

Complete the part-whole model and subtraction.

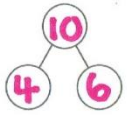



10 - 2 = 8

How many triangles? there are 5.

What has your subtraction worked out?

Find another way to complete the part-whole model and subtraction.




10 - 4 = 6

How many red shapes are there.

Maths: Breaking apart

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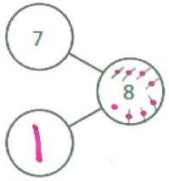
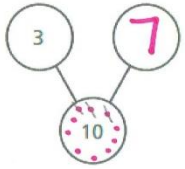
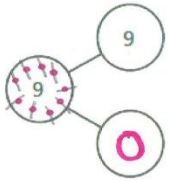



8 - 7 = 1

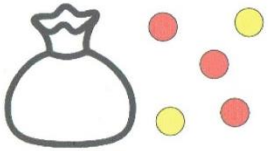



10 - 3 = 7




9 - 9 = 0

There are no more than 10 counters in total.



How many counters could be in the bag?

Why can't it be six? There cannot be 6 because the whole would be over 10.