

Name: \_\_\_\_\_



Discuss:

Is it possible that there is

- a blue smartie in your tube?
- a red smartie in your tube?
- a yellow smartie in your tube?
- a green smartie in your tube?
- a pink smartie in your tube?
- a brown smartie in your tube?
- an orange smartie in your tube?

What colour of smartie would be impossible?

Why is this?

Are you guaranteed to get a red smartie in your tube?

Is there any colour you are absolutely sure you will find in your tube?

Are we able to predict what is going to be in the tube? Why?

Now open your tube and draw what you find:

How many smarties were in your tube?

\_\_\_\_\_



Name: \_\_\_\_\_



Fill in this table to show how many smarties of each colour there are in one tube.



Colour	Number
Brown	
Green	
Orange	
Pink	
Red	
Yellow	
Purpe	
Blue	
Total:	

Discuss:

Was there an equal split of colours?

Which colour(s) did you get the most of?

Which colour(s) did you not get any of?

Discuss:

Which colour of smartie am I most like likely to get if I pick one out of your tube?

Do I have better chance of picking a blue or a yellow smartie from your tube?

Do I have better chance of picking a green or a brown smartie from your tube?

Do I have better chance of picking a yellow or an orange smartie from your tube?

Do I have better chance of picking a blue or a red smartie from your tube?

How likely am I to get a black smartie if I pick a smartie from your tube?  
Why?