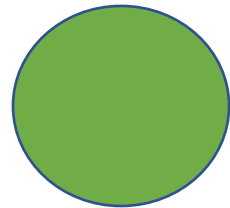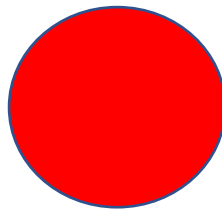**Maths challenge:**

You are playing with three balls, one blue, one red and one green.

You toss up the balls, which run down a slope so that they land in a row of three.

In how many different ways could the balls land?
How do you know you have found them all?

You might like to use the interactivity by following this link to explore the problem.

Extra challenge: Add another coloured ball. How many ways can they be ordered now?