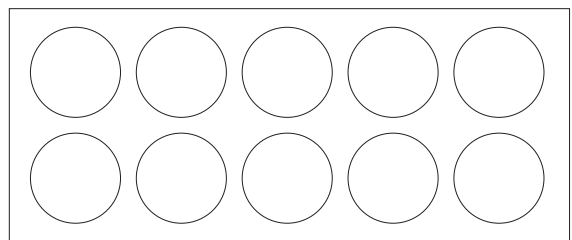Name:

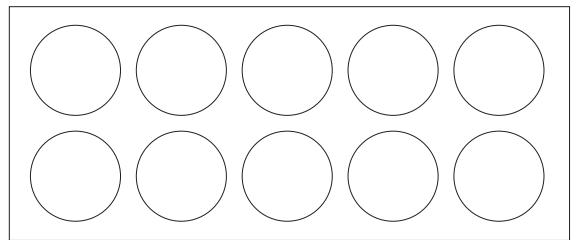**Activity 1**

Colour the bag of smarties to show:

a) Most likely to get a red.
   Impossible to get a green.
   Equal chance of getting a blue or yellow.

b) No chance of taking out a red.
   50-50 chance of taking out a yellow and a green.

Activity 2

Coloured dice are often used to play various games. The colours on the dice can be red, green, yellow or blue. What would the dice look like if the chance of throwing a red is $\frac{1}{2}$, green is $\frac{1}{6}$, yellow is $\frac{1}{3}$.

Draw the net to show the coloured dots on the faces:

Activity 3

Create a spinner:

The spinner was spun 40 times and the results are recorded in the table below. Complete the table. Record the total for each colour, the fraction and % the total represents. Show what the spinner would look like.

Colour	Tally	Total	Fraction	%
Red	卌 卌			
Blue	卌 卌 卌 卌			
Green	||||			
Yellow	卌 |			

Record the probability of landing on each colour compared to the other colours on the spinner. Record comments:

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