

Chance

The greengrocer has put 6 peppers into a brown paper bag: 2 are **yellow**, 3 are **green** and 1 is **red**. If I pick one out of the bag, it is more likely to be **green** as 3 of the 6 peppers are **green**.



The chance of picking a **green** is:

3 chances out of 6 $\rightarrow \frac{3}{6}$ or 1 chance out of 2 $\rightarrow \frac{1}{2}$



The chance of picking a **yellow** is:

2 chances out of 6 $\rightarrow \frac{2}{6}$
or 1 chance out of 3 $\rightarrow \frac{1}{3}$

The chance of picking a **red** is:

1 chance in 6 $\rightarrow \frac{1}{6}$

Try this yourself with 6 counters or cubes in a bag (while blindfolded).

1. What are the chances of picking a **green** cube?
___ out of ___.



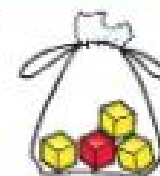
2. What is the probability of picking a **yellow** cube?
___ out of ___.



3. What are the chances of picking a **blue** cube?
___ out of ___.



4. What are the chances of picking a **yellow** cube?
___ out of ___.



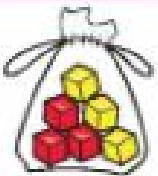
5. What are the chances of picking a **blue** cube?
___ out of ___.



6. What are the chances of picking a **red** cube?
___ out of ___.



7. What are the chances of picking a **green** cube?
___ out of ___.



8. What are the chances of picking a **blue** cube?
___ out of ___.



“Give bees a chance”
says the environmentalist

“Give peas a chance”
says the nutritionist

“Give trees a chance”
says the naturalist