

Busy at Maths 5 - Fifth Class

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Chance – Likelihood

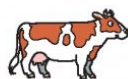
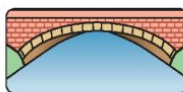
1. Timmy travelled from Galway to Dublin to visit his cousin who was having an operation in the children's hospital.

impossible unlikely even chance
possible likely certain

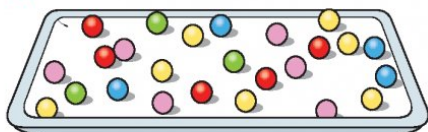


Which of the above phrases has the greatest likelihood of being true in the following sentences?

- (a) Timmy came to Dublin by car. _____
 (b) He drove the car himself. _____
 (c) Timmy's cousin is a girl. _____
 (d) Timmy came to Dublin by train. _____
 (e) He crossed a bridge on the way to Dublin. _____
 (f) He travelled on a Saturday. _____
 (g) The operation was a success. _____
 (h) Timmy will travel back to Galway in a space shuttle. _____
 (i) Timmy's cousin was glad to see him. _____
 (j) Timmy brought a cow with him to the hospital. _____



2.



- (a) How many red balls are there? _____
 (b) How many green balls are there? _____
 (c) How many blue balls are there? _____
 (d) How many yellow balls are there? _____
 (e) How many pink balls are there? _____
 (f) How many balls are there altogether? _____

3. Work out the chances of the following happening if the balls from Q.2 were placed in an opaque bag and one pulled from the bag. The first one has been done for you.

- (a) What is the likelihood of pulling a blue ball out of the bag? Four out of 25 or $\frac{4}{25}$
 (b) What is the probability of pulling a red ball out of the bag? _____
 (c) What is the chance of pulling a yellow ball out of the bag? _____
 (d) What is the chance of pulling a pink ball out of the bag? _____
 (e) What is the chance of pulling a green ball out of the bag? _____
 (f) What is the chance of pulling a black ball out of the bag? _____
 (g) What is the likelihood of pulling out either a yellow or a green ball? _____
 (h) What is the chance of pulling a pink or green ball out of the bag? _____
 (i) What is the likelihood of pulling a blue or pink ball out of the bag? _____
 (j) What is the likelihood of pulling a red, green or blue ball out of the bag? _____
 (k) What is the likelihood of pulling a yellow, pink or green ball out of the bag? _____

Maths Fact

In America, the chances of a man being colour-blind are 1 out of 12.

How many from a group of 96 would be expected to be colour-blind? _____