

PROBABILITY

Probability is the CHANCE of whether something will happen or not.

If two things or events have the same chance of happening, we say then they have the **SAME probability**.

For example:

If we flip a coin (let's say a quarter) into the air, the chance of the coin landing on heads is the SAME as the chance of the coin landing on tails.

This is because there is ONE side that has a head and ONE side that has a tail – so there is an **EQUAL** chance that the coin will land on heads or tails.

If there is a **HIGHER** (greater) chance of something happening, we say that there is a **HIGHER probability** of that something happening.

For example:
There is a



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If there is a **BETTER** chance or **MORE** chances of something happening than something else, then we say there is a **HIGHER probability** of that something happening.

For example:

There is a **HIGHER** probability that it will snow during the winter time than during the summer time.

This is because winter usually brings cold weather and snow. Summer time usually brings warmer weather. It usually does NOT snow during the summer.

If there is a **LOW** (very little) chance of something happening, we say that there is a **LOW probability** of that something happening.

For example:

There is a **LOW** probability that you will find a \$100 bill today.

If there is a **LOWER** chance of something happening than something else, then we say there is a **LOWER probability** of that something happening.

For example:

There is a **LOWER** probability that I will be allowed to eat ice cream for breakfast rather than cereal.

A parent would most likely allow you to eat cereal and **NOT** ice cream for breakfast.



You Try

There is a

- a) high
- b) low

Answer: a) a high

Hopefully you eat a good lunch every day! 😊

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orrow.