

5.1. Probability

Remember

Probability is a measure of how likely it is that something will happen. Refer to the probability scale:

impossible unlikely even chance likely certain

Bruno has five T-shirts. He chooses one at random. Which pattern is he likely to choose?



A



B



A



C



A

Yuri uses a spinner shaped as a regular octagon. Draw lines to show the probability that he spins each number. The first one has been done for you.

a number less than 10

the number 10

an even number

the number 5

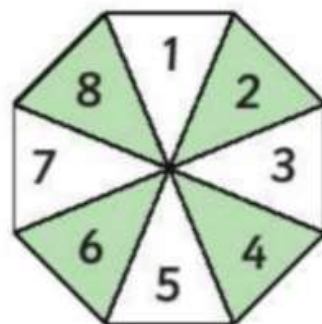
certain

likely

even chance

unlikely

impossible



1. Carlos has some bags containing black beads and white beads. He takes a bead from a bag without looking.



Complete each statement.

- a) It is impossible for Carlos to take a black bead from bag
- b) It is unlikely that Carlos will take a white bead from bag


2. What is the probability of spinning a 2 on this spinner? Draw a ring around the correct answer.



certain impossible even chance likely unlikely

What is the probability of spinning a number less than 10? Mark your answer with an arrow (↓) on the probability scale.



3. Ollie rolls a fair dice. 

a) What is the probability that he rolls an even number?

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b) What is the probability that he rolls an odd number?

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c) What do you notice about your answers? Why is this?

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