

Odd One Out

Theoretical Probability

Calculate each of the probabilities. Colour in the odd one out on each row.

A	Find the probability of rolling a 5 or more on a fair dice.	Find the probability of choosing at random a vowel from the word HARIBO	A bag contains 2 red balls, 3 green balls and 4 blue balls. Find the probability of choosing a green ball at random.
B	A fair spinner is numbered 1, 1, 2 and 3. Find the probability of the spinner landing on a number less than 3.	A fair coin is thrown once. Find the probability of the coin landing on 'heads'.	Find the probability of choosing a letter from the word FACE and it not being the letter C.
C	Find the probability of choosing a day of the week that starts with a T.	Find the probability of throwing a fair coin twice and getting two 'tails'.	In a standard pack of cards, find the probability of choosing a card at random and getting a spade.
D	A fair spinner is numbered 1 to 8. Find the probability of the spinner landing on a prime number.	A bag contains 2 red balls, 3 green balls and 4 blue balls. Find the probability of choosing a blue ball at random.	Find the probability of choosing at random a letter A from the word BANANA.
E	A drawer contains 4 black socks and 6 white socks. Find the probability of choosing a sock at random and it being white.	Find the probability of choosing a letter at random from the word SHAPE and it being a consonant.	The probability of it raining today is 0.3. Find the probability of it not raining today.
F	Find the probability of rolling a fair dice and getting a triangular number.	Find the probability of choosing a month of the year at random and it having exactly 30 days in it.	In a fruit bowl there are 2 bananas, 3 apples and an orange. If you choose a fruit at random, find the probability it is a banana.
G	Find the probability of choosing a letter of the alphabet at random and it being A or Z.	There are 4 red counters and 9 blue counters in a bag. Find the probability of selecting a counter at random at it being red.	In a standard pack of cards, find the probability of choosing a card at random and it being a 4.