PROBABILITY : SPRINT – 1

Gary is playing cricket. When attempting to catch the ball, the probability Gary is successful is ¾ During the game, Gary attempts two catches. Find the probability Gary is successful with both catches.



Helen is taking part in a quiz on TV. The probability she answers a question correctly is ⅘ Helen is asked two questions Calculate the probability she answers both questions correctly.

A fair six sided dice is rolled three times.

a) Find the probability of getting six all three times.

b) Find probability of getting no sixes

Matthew is playing darts. The probability he hits a bullseye is 0.3 Matthew throws two darts.

(a) Find the probability Matthew hits the bullseye with both darts

(b) Find the probability Matthew does not hit the bullseye with either dart

A biased coin is flipped twice. !!!!!! The probability of the coin landing on tails is 0.7

Find the probability the coin lands on heads twice.

LIVEWORKSHEETS

A bag contains 6 yellow sweets and 4 blue sweets. A sweet is taken out at random, it is replaced, and another is taken out. Find the probability that at least one sweet is blue

A bag contains 5 discs. Two discs are red (R), one disc is green (G), one disc is white (W) and one disc is pink (P)



A game is played where a disc is removed, the colour noted and it is replaced.

Then another disc is removed and the colour noted.

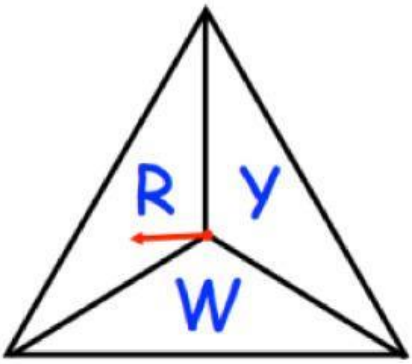
Calculate the probability that the two discs removed are different colours

A bag contains 10 counters. 5 of the counters are red 3 of the counters are purple 2 of the counters are white Sharon chooses a counter at random, records the colour, then replaces it.

Sharon then chooses a second counter at random and records the colour.

What is the probability that both counters are the same colour?

A triangular spinner has three sections of equal size. One section is red (R), one section is white (W) and one section is yellow (Y)

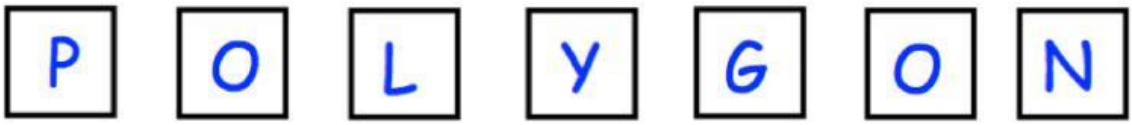


The spinner is spun three times.

Find the probability that the spinner lands on white (W) exactly twice.

LIVEWORKSHEETS

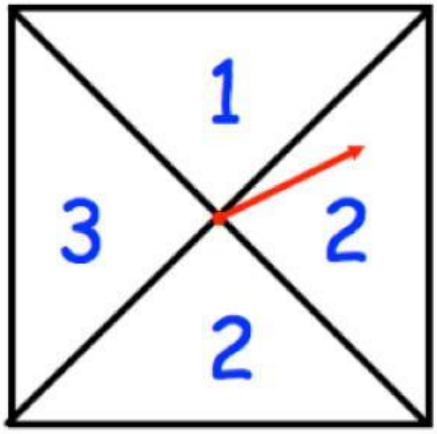
There are seven tiles in a bag, each with a letter written on it



A tile is selected at random, it is replaced and then another tile is selected.

Find the probability that both tiles have a different letter on it

A fair spinner has four sections



The spinner is spun three times.

The three numbers are added together to give a score.

Find the probability the score is even.

LIVEWORKSHEETS