

Concept_Grade-9_Probability

Experimental Probability

1. A coin is tossed 500 times with the following observations :
Head : 245 times, Tail : 255 times The coin is tossed again. The probability of getting a Head and Tail
2. A coin is tossed 1000 times with the following frequencies of Head and Tail : Head : 455, Tail : 545 Compute the probability for the events (i) getting a Head (ii) getting a Tail
3. When a coin is tossed 500 times, the following outcomes were recorded : Head : 270 times, Tail : 230 times If a coin is tossed, what is the probability of getting a head ?
4. A coin is tossed 1200 times with the following outcomes : Head : 455, Tail : 745 Compute the probability for each case
5. Two coins are tossed simultaneously 500 times, following are the outcomes
No head = 100 times
One head = 200 times
Two heads = 200 times
If the two coins are simultaneously tossed again, compute the probability of obtaining :
(i) One Head
(ii) Two Heads
6. Two coins are tossed 100 times with the following frequencies of different outcomes :

Outcomes	2 heads	1 head	0 head
Frequency	30	48	22

Find the probability of getting less than 2 heads.

7. In an experiment, a coin is tossed 600 times. If the tail turns up 380 times, find the experimental probability of getting.
 - (a) A head
 - (b) A tail

- 8.