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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 limes 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) (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.

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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.