Experimental Probability

$$Experimental\ Probability = \frac{Number\ of\ Favorable\ Outcomes}{Total\ Number\ of\ Trials}$$

1. A pair of dice are rolled 200 times. An odd sum appeared 92 times. Based on the results, what is the experimental probability that the two dice will show a sum that is an odd number?

Number of Favorable Outcomes = 92

Total Number of Trials = 200

2. A coin was flipped 150 times. The tail side appeared 76 times. Based on the results, what is the experimental probability that the flipped coin will show a head?

Number of Favorable Outcomes = 150 - 76 = 74

Total Number of Trials = 150

3. Two coins were flipped 12 times and results are shown below.

Trial	1	2	3	4	5	6	7	8	9	10	11	12
1st Coin	Н	Т	Т	Н	Т	Н	Н	Т	Н	Н	Т	Н
2nd Coin	Т	Н	Н	Н	Н	Т	Т	Н	Н	Т	Н	Т
	}	*	*	~/		*	*	*		→	*	+

Based on the results, what is the experimental probability of each:

a) A tail is flipped at least once.

Number of Favorable Outcomes = \Q

Number of Favorable Outcomes =
$$2$$

Total Number of Trials = 12

Total Number of Trials =
$$12$$