



Practice

4.3 Introduction to Probability

Two number cubes were rolled 150 times. Find each experimental probability.

1. a sum less than 4 appeared 15 times _____
2. a sum of 7 appeared 11 times _____
3. a sum of 6 or greater appeared 85 times _____

Two coins were tossed 10 times with the outcomes shown in the table below.

Trial	1	2	3	4	5	6	7	8	9	10
Coin 1	H	H	T	T	H	T	H	H	T	T
Coin 2	T	T	T	H	T	H	H	T	H	T

Use the data above to find each experimental probability.

4. At least one coin shows tails. _____
5. Both coins show the same side of the coin. _____
6. Neither coin shows heads. _____

A survey was conducted to find out how students get to school. The results of the survey are shown in the table below.

Method of transportation	School bus	Car	Bicycle	Walk
Number of students	87	71	25	45

Use the the data above to find each experimental probability.

7. A student rides a bus to school. _____
8. A student walks to school. _____
9. A student rides to school in a car or in a bus. _____
10. A student rides a bicycle or walks to school. _____
11. A student does not walk to school. _____