

EXERCISES:

1. We toss three coins.

- (a) Write the sample space of possible outcomes.
- (b) What is the probability that 0 heads are obtained?
- (c) What is the probability that 1 head is obtained?
- (d) What is the probability that 2 heads are obtained?
- (e) What is the probability that 3 heads are obtained?

2. We toss a die.

- (a) Write the sample space of possible outcomes.
- (b) What is the probability that the number showing face up is 1?
- (c) What is the probability that the number showing face up is even?
- (d) What is the probability that the number showing face up is prime?

3. We toss two dice.

- (a) How many possible outcomes are there?
- (b) What is the probability that the numbers showing face up are equal?
- (c) What is the probability that the numbers showing face up have a sum 6?
- (d) What is the probability that the numbers showing face up are different?