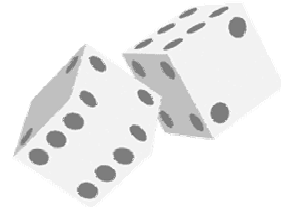




Review Lesson 7

Data Analysis, Probability, Statistics, and Discrete Mathematics

Probability



Two six-sided number cubes are rolled.

- How many outcomes are possible? _____
- List all the possible outcomes.

| | 1 | 2 | 3 | 4 | 5 | 6 |
|---|-------|-------|-------|-------|-------|-------|
| 1 | 2 | 3 | 4 | _____ | _____ | _____ |
| 2 | 3 | _____ | _____ | _____ | _____ | _____ |
| 3 | 4 | _____ | _____ | _____ | _____ | _____ |
| 4 | _____ | _____ | _____ | _____ | _____ | _____ |
| 5 | _____ | _____ | _____ | _____ | _____ | _____ |
| 6 | _____ | _____ | _____ | _____ | _____ | _____ |

- Find the probability of rolling the following sums:

| | | | |
|-------------------|-------|---------------|-------|
| a. 1 | _____ | e. at most 11 | _____ |
| b. 2 | _____ | f. at most 3 | _____ |
| c. 6, 8 or 10 | _____ | g. at least 4 | _____ |
| d. an even number | _____ | h. at least 7 | _____ |