

LESSON

5.1 Probability



TEKS

Proportionality—
7.6.E Find the probabilities of a simple event and its complement and describe the relationship between the two.
Also 7.6.A, 7.6.B, 7.6.I



ESSENTIAL QUESTION

How can you describe the likelihood of an event?

EXPLORE ACTIVITY



TEKS 7.6.I

Finding the Likelihood of an Event

Each time you roll a number cube, a number from 1 to 6 lands face up. This is called an *event*.

Work with a partner to decide how many of the six possible results of rolling a number cube match the described event.

Then order the events from least likely (1) to most likely (9) by writing a number in each box to the right.

Rolling a number less than 7 _____

Rolling an 8 _____

Rolling a number greater than 4 _____

Rolling a 5 _____

Rolling a number other than 6 _____

Rolling an even number _____

Rolling a number less than 5 _____

Rolling an odd number _____

Rolling a number divisible by 3 _____

Reflect

1. Are any of the events impossible? _____
