

## Lesson 2: Chance Experiments

### Cool Down: According To

Here are some scenarios:

- According to market research, a business has a 75% chance of making money in the first 3 years.
- According to lab testing,  $\frac{5}{6}$  of a certain kind of experimental light bulb will work after 3 years.
- According to experts, the likelihood of a car needing major repairs in the first 3 years is 0.7.

1. Write the scenarios in order of likelihood from least to greatest after three years: the business makes money, the light bulb still works, and the car needs major repairs.

2. Name another chance experiment that has the same likelihood as one of the scenarios.