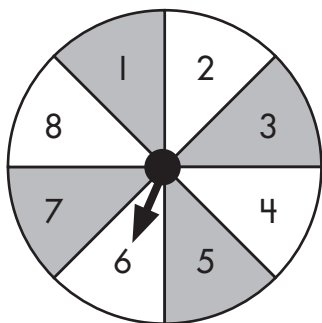


Lesson 1.3 Uniform Probability Models

When all outcomes of an experiment are equally likely, the event has **uniform probability**.



This spinner has 8 equally divided sections. Every time it is used, there is an equal chance ($\frac{1}{8}$) that it will land on any given number.

Chance of spinning 6 — $\frac{1}{8}$

Chance of spinning 3 — $\frac{1}{8}$

Chance of spinning 7 — $\frac{1}{8}$

Write yes or no to tell if each situation describes a uniform probability model.

a

1. rolling one die

yes

2. flipping a coin

yes

3. calling on a girl in class

no

4. winning the lottery

no

5. calling on a boy in class

no

6. flipping a coin and rolling a die

no

b

- rolling two dice

no

- a spinner with 3 stars and 2 diamonds

no

- calling on any student in class

yes

- drawing an 8 from a deck of cards

no

- a spinner with 5 red and 2 blue sections

no

- a spinner with 3 squares and 3 triangles

no