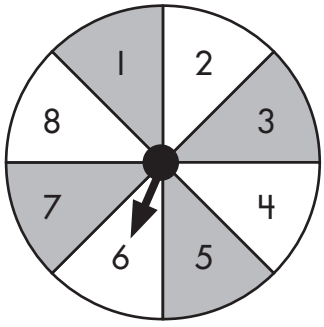
NAME _____

Lesson 7.4 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	b
1.	rolling one die	rolling two dice
	_____	_____
2.	flipping a coin	a spinner with 3 stars and 2 diamonds
	_____	_____
3.	calling on a girl in class	calling on any student in class
	_____	_____
4.	winning the lottery	drawing an 8 from a deck of cards
	_____	_____
5.	calling on a boy in class	a spinner with 5 red and 2 blue sections
	_____	_____
6.	flipping a coin and rolling a die	a spinner with 3 squares and 3 triangles
	_____	_____