

Name: _____

Date: _____

Chapter 5 Wrap It Up!

This worksheet will help you with the Chapter 5 Wrap It Up! on page 193.

Work with a partner and use what you know about probability to create a simple game that uses a pair of dice. Play your game several times.

Write a report about your game. Use the questions below to help organize your report.

- 1.** What are the rules for your game?

- 2.** What are all the possible outcomes?

- 3.** How does a player win the game?

- 4.** What probabilities are important to know? Justify your response.
For example, what outcomes have the lowest probability? What outcomes have the highest probability?

- 5.** Compare the theoretical probabilities of the game with the experimental probabilities you experienced while playing.

- 6.** What strategies might you use to improve your chances of winning the game? Justify your response.