Discuss

After you have played *Product Bingo,* use these questions to compare all four boards.

1. Which game board had the most winning games?
2. Which game board had the fewest winning games?
3. Why do you think one game board won more than others? Explain.
4. Are there products that come up more often than others? Which ones? Why?
5. Which products come up the least often? Why?
6. Are there products that never come up by spinning the spinner?

Use the *Design Your Own Boards* page in your *Student Activity Book* to use factors to design a Best Game Board and a Worst Game Board.

102 SG · Grade 4 · Unit 3 · Lesson 9   Product Bingo

Student Guide - Page 102

Student Guide

Questions 1–6 (SG p. 102)

1.* Board 3

2.* Board 2

3.* Answers will vary. Board 3 has five products that can be obtained in more than one way.

4.* Yes; Products that have more than two sets of factors will come up more often then that are on the spinner other numbers. For this spinner, the products 12, 24, 18, and 36, are more likely to come-up.

5.* The primes come-up less often because they only have two factors, one and the number. One is not on the spinner, so the prime will never come up.

6.* Yes, prime numbers will never come up. See answer to Question 5 above.

*Answer and/or discussion are included in the lesson.