

Student Activity Book

Design Your Own Boards

Questions 1–4 (SAB pp. 83–84)

- Answers will vary. A “Best” game board will have numbers that have many factors that are on the spinner. A “worst” game board will have many number that are prime or do not have a pair of factors on the spinner.
- 3.* Answer will vary. Students should discuss their choice of numbers for each board.
- Answers will vary. They should explain that the numbers on the Best Game Board have many factors that can be spun. The numbers on the Worst Game Board do not have a lot of factors that can be spun on the spinner. They may be primes.

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Name _____ Date _____

Design Your Own Boards

1. Design your own Product Bingo game boards. The spinner is labeled with the numbers 2 through 9. Design a “Best” game board that is highly likely to win and a “Worst” game board that is unlikely to win.

Best

Worst

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Check-In: Questions 2-3

- Describe how you chose numbers for the “Best” game board. Use terms such as “factors,” “multiples,” and “primes” in your description.
- Describe how you chose numbers for the “Worst” game board. Use terms such as “factors,” “multiples,” and “primes” in your description.

4. Play Product Bingo using the game boards you designed. Did your “Best” game board win or not? Explain why.

Design Your Own Boards Feedback Box	Yes...	Yes, but...	No, but...	No...
<p>MP2: Show my work. I show or tell how I arrived at my answer so someone else can understand my thinking.</p>				

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