Answer Key • Lesson 4: Magic Squares

Student Guide

Magic Squares (SG pp. 38–39) Questions 1–5

- I. A. 15
 - **B.** 15
 - **C.** 15
 - **D.** They are all the same.
- **2. A.** 15
 - **B.** 15
 - **C.** The sum of each row, column, and main diagonal is 15.
- **3.*** 21
- **4.*** A is a magic square. B is not because the column sums are not the same. For example, the sum of the middle column is 15, but the sum of the third column is 17.
- **5. A.***15
 - **B.*** Possible response: All of the numbers are odd. There are only three different numbers instead of nine.
 - **C.*** The middle number, 5, is in the center of the square. The numbers in one of the diagonals are in order—3, 5, 7.







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