

Mathematics, Grade 8

Session 1, Multiple-Choice Questions



- 1 The square root of 31 is between which two whole numbers?
- A. 4 and 5
 - B. 5 and 6
 - C. 6 and 7
 - D. 7 and 8

Reporting Category for Item 1: Number Sense and Operations

- 2 Find the next two terms in the sequence shown below.

1, 3, 7, 15, 31, ?, ?

- A. 53, 117
- B. 63, 127
- C. 73, 137
- D. 83, 147

Reporting Category for Item 2: Patterns, Relations, and Algebra

- 3 The regular price of a CD player is \$74. It is on sale for 20% off. Which of the following is **closest** to the sale price?
- A. \$40
 - B. \$50
 - C. \$60
 - D. \$70

Reporting Category for Item 3: Number Sense and Operations

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- 4 For which of the following would a yard be the **most** appropriate unit of measure?
- A. the area of a street sign
 - B. the volume of a bus
 - C. the length of a cafeteria table
 - D. the distance from Boston to Springfield, Massachusetts

Reporting Category for Item 4: Measurement