

Mathematics, Grade 6

- 5 Carlos is planning a birthday party. He and his friends will have dinner at a restaurant and then do an activity afterwards. His choices are listed below.

Dinner: pizza, hamburgers, barbecue, or seafood

Activity: skating, amusement park, or movie

How many different combinations of dinner and activity are possible?

- A. 7
- B. 4
- C. 12
- D. 24

Reporting Category for Item 5: Data Analysis, Statistics, and Probability (p. 256)

Session 1, Short-Answer Questions

- 6 What does m equal in this equation?

$$3m + 2 = 17$$

$3m$ means 3 times m



Reporting Category for Item 6: **Patterns, Relations and Algebra** (p. 254)

- 7 Write $2 \times 2 \times 2 \times 3 \times 3 \times 5 \times 5$ in exponential notation.

Reporting Category for Item 7: **Number Sense and Operations** (p. 253)

- 8 What is the greatest common factor of 12 and 28?

Reporting Category for Item 8: **Number Sense and Operations** (p. 253)