

# Investigating Mystery Number Puzzles

Solve the puzzles. The boxes below the clues show you the number of digits in the solution.

Clues

Workspace

**1** Puzzle A

- Multiple of 9 less than 81
- Even
- Difference between the digits = 5

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**2** Puzzle B

- Multiple of 20 greater than 80, but less than 300
- Sum of the digits is even
- Sum of the digits is a 2-digit number

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**Test Prep**

- 3** Ms. Nichols wanted to put the same number of computers into 3 classrooms. She had a total of 84 computers. Which statement is true?
- A.** She cannot put the same number of computers into each classroom.
  - B.** She can put 29 computers into each classroom.
  - C.** She can put 43 computers into each classroom.
  - D.** She can put the same number of computers into each classroom.