

Problem Solving Test Prep

Choose the correct answer.

- 1 Mr. Jones is putting new strings on 7 guitars at his store. He uses 6 strings for each guitar. How many strings will he use in all?

- A. 6 strings
- B. 13 strings
- C. 42 strings
- D. 48 strings



- 2 Which of the multiplication facts below can be used to find the missing number?

$$50 \div \blacksquare = 10$$

- A. $2 \times 10 = 20$
- B. $10 \times 5 = 50$
- C. $10 \times 10 = 100$
- D. $10 \times 50 = 500$

- 3 Kenny used square tiles to model a number sentence.



What number sentence did he model?

- A. $9 \times 2 = 18$
- B. $5 + 5 + 5 = 15$
- C. $3 \times 6 = 18$
- D. $6 \times 6 = 36$

- 4 Which is the missing factor?

$$10 \times (2 \times \blacksquare) = 80$$

- A. 1
- B. 2
- C. 3
- D. 4

Show What You Know

Solve the problem. Explain your answer.

- 5 Chase made this pattern with counters.



Draw the next figure in Chase's pattern. Explain how you know your answer is correct.

