

Problem Solving Test Prep

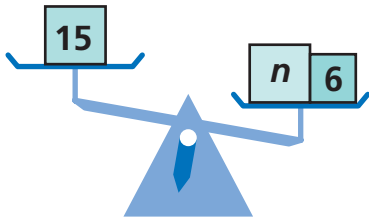
Choose the correct answer.

- 1 The value of 18×18 is 324.

Which expression has a product that is the same as $(324 - 1)$?

- A. 17×19 C. 18×19
B. 17×18 D. 16×20

- 2 Which CANNOT be the value for the variable n ?



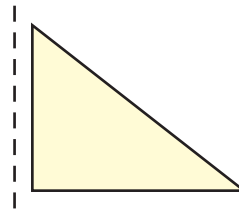
- A. 9
B. 10
C. 15
D. 21

- 3 Choose the best estimate.

$$9 \overline{)741}$$

- A. 60 C. 80
B. 70 D. 90

- 4 Which statement is NOT true of the reflection of the triangle over the line?



- A. It is congruent to the original.
B. It faces the opposite direction of the original.
C. It is a right triangle.
D. It is the same shape but larger than the original.

Show What You Know

Solve each problem. Explain your answer.

- 5 Evan has several 3-pound and 5-pound weights. Can he use a balance scale to show all whole-number weights between 15 and 20 pounds? Explain.

- 6 Corey has 20 small cubes. What is the least number of additional cubes he needs to build a larger cube that uses all the small cubes? Explain.
