

Test-Taking Strategies

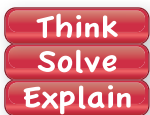
Test-taking strategies are important, but they can be boring. We asked Newton and Descartes to help us add student interest. The result is an original cartoon in each *Standardized Test Practice*.

To create a helpful set of test questions, we enlisted an experienced test writer. The writer has created questions for math assessments for many states. Most of the test questions are multiple choice. However, there are three additional types of questions, indicated by the following icons:

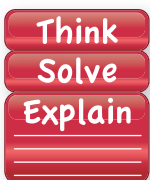
● Gridded Response



● Short Response



● Extended Response



1 Standardized Test Practice

1. The student council is organizing a school fair. Council members are making signs for the prices for admission and for each person can play.

SCHOOL FAIR	
Admission	\$2.00
Price per Game	\$0.25

Let x represent the number of games a person can play. Which expression can be used to determine the total amount, in dollars, a person can spend for admission and playing x games?

- A. $2.25x$
B. $2.25x + 2$

2. Which property does the equation below represent?

$$17 \cdot 44 + 17 \cdot 56 = 17 \cdot 100$$

- F. Distributive Property
G. Identity Property of Multiplication
H. Associative Property of Multiplication
I. Commutative Property of Multiplication

3. At a used book store, two types of books can be purchased.



The expression $3h + 2p$ can be used to find the total cost for h hardcover books and p paperback books. What is the total cost, in dollars, for 6 hardcover books and 4 paperback books?



4. Which equation is *not* true for all numbers a and b ?

- A. $a \times b = b \times a$
B. $a - b = b - a$
C. $a + b = b + a$
D. $a + b + 0 = a + b$

