

SKILLS LIST and SAMPLE TEST ITEMS

FOR

PRACTICE TEST FOR MATHEMATICS, GRADE 9

(Test items developed for skills measured in ITBS)*

Skills

- 1.0 Math Concepts and Problem Solving
 - 1.1 Numeration and Number Systems
 - 1.2 Geometry
 - 1.3 Integers
 - 1.4 Decimals
 - 1.5 Percents
 - 1.6 Probability and Statistics
 - 1.7 Equation and Equalities
 - 1.8 Estimation
 - 2.0 Math Computation
 - 2.1 Integers
 - 2.2 Fractions
 - 2.3 Decimals
 - 2.4 Percents
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Number of questions: 88

Number of pages: 18

Approximate testing time: 60 minutes

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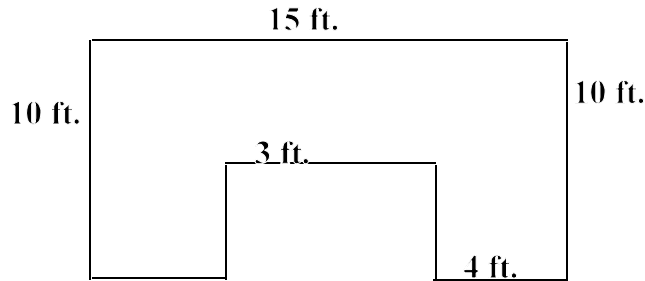
(OVER)

*The Iowa Test of Basic Skills is published by The Riverside Publishing Company which does not endorse or attest to the accuracy of this practice test.

ITBS MATHEMATICS PRACTICE TEST - GRADE 9

1. Mr. Cumberland bought 12 fire screens from Betty. Each screen cost \$68.59. Which of the following is the best estimate for the amount of money Mr. Cumberland spent?
- A. \$84.00 B. \$184.00 C. \$840.00 D. \$480.00
-

2. The shape of Alice's kitchen is shown below. Alice needs to know the area of her kitchen in order to purchase flooring. What is the best estimate of the area?



- A. 140 sq. ft. C. 150 sq. ft.
B. 1400 sq. ft. D. 100 sq. ft.
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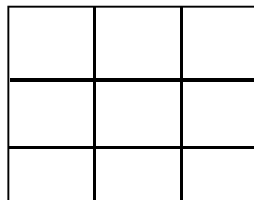
3. Solve this equation if $y=10$, $c=8$, and $x=7$.
 $y + 15 - c + 12 - x =$

- A. 12 B. 22 C. 24 D. 48
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4. If $4a - 6 = 10$, what number is represented by $2a$?

- A. 8 B. 2 C. 16 D. 4
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5. How many squares can be found in the figure below?



- A. 9 B. 10 C. 12 D. 14