

SKILLS LIST and SAMPLE TEST ITEMS

FOR

PRACTICE TEST FOR MATHEMATICS, GRADE 8
(Test items developed for skills measured in ITBS FORM B)*

Skills

- | | |
|-----------------------------------|--|
| 1.0 Math Concepts | 3.0 Problem Solving |
| 1.1 Numeration and Number Systems | 3.1 Word Problems Using Addition/
Subtraction |
| 1.2 Integers | 3.2 Word Problems Using
Multiplication |
| 1.3 Geometry | 3.3 Word Problems Using Division |
| 1.4 Measurement | 3.4 Missing or Irrelevant Information |
| 1.5 Fractions | 3.5 Two or More Step Problem |
| 1.6 Percents | 4.0 Data Interpretation |
| 1.7 Probability and Statistics | 4.1 Tables |
| 1.8 Equations and Inequalities | 4.2 Graphs |
| 2.0 Estimation | 5.0 Math Computation |
| 2.1 Addition | 5.1 Integers |
| 2.2 Subtraction | 5.2 Fractions |
| 2.3 Multiplication | 5.3 Decimals |
| 2.4 Division | |
| 2.5 Percents | |
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Number of questions: 135

Number of pages: 25

Approximate testing time: 80 minutes

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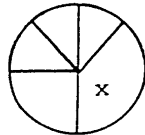
ITBS MATHEMATICS PRACTICE TEST - GRADE 8 - FORM B

Directions: Read each problem and choose the correct answer. If the correct answer is not here, choose NH.

1. What number is 6 tenths more than 208.187?

- A. 214.787 B. 208.787 C. 218.187 D. 268.187
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2. In the pie chart below, what percentage of the chart does x represent?



- A. 50% B. 25% C. 37% D. 65%
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3. Which of the numbers below means the same as

$$500 + 4.8 + 0.04$$

- A. 504.8 B. 548 C. 504.84 D. 540.8
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4. If $x=5$ and $y=3$, which of these equations would be true?

- A. $x - y = 2$ C. $x - 3 = y$
B. $x + y = 15$ D. $2 - y = x$
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5. The average school bus is approximately how long?

- A. .055 m B. 0.55 m C. 5.5 m D. 55 m
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