

*SKILLS LIST and SAMPLE TEST ITEMS*

*FOR*

**PRACTICE TEST FOR MATHEMATICS, GRADE 7**

*(Test items developed for skills measured in ITBS\*)*

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*Skills*

- |  |                         |
|--|-------------------------|
| 1.0 Math Concepts                      | 4.0 Data Interpretation |
| 1.1 Numeration and Number Systems      | 4.1 Tables              |
| 1.2 Integers                           | 4.2 Graphs              |
| 1.3 Geometry                           | 4.3 Diagrams            |
| 1.4 Measurement                        | 5.0 Math Computation    |
| 1.5 Fractions                          | 5.1 Integers            |
| 1.6 Probability and Statistics         | 5.2 Fractions           |
| 1.7 Equations and Inequalities         | 5.3 Decimals            |
| 2.0 Estimation                         |                         |
| 2.1 Addition                           |                         |
| 2.2 Subtraction                        |                         |
| 2.3 Multiplication                     |                         |
| 2.4 Division                           |                         |
| 3.0 Problem Solving                    |                         |
| 3.1 Word Problems Using Addition       |                         |
| 3.2 Word Problems Using Multiplication |                         |
| 3.3 Word Problems Using Division       |                         |
| 3.4 Missing or Irrelevant Information  |                         |
| 3.5 Two Step Word Problem              |                         |
| 3.6 Word Problems Using Percents       |                         |

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Number of questions: 129

Number of pages: 26

Approximate testing time: 80 minutes

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(OVER)

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# ITBS MATH PRACTICE TEST - GRADE 7

**Directions:** Read each item in this test and choose the correct answer. If a correct answer is not here, mark the choice for NH.

1. Which of these would be 337.28 rounded to the nearest tenth?

- A. 340                      B. 337.3                      C. 340.3                      D. 337.2
- 

2. Triangles BAC and NMO are congruent. Which side in figure NMO is congruent to BA in the other figure?

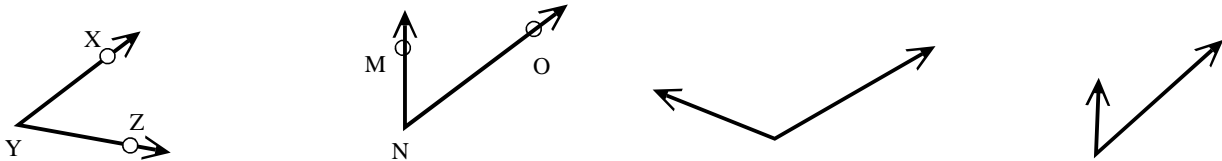


- A. BC                      B. AC                      C. NM                      D. NH
- 

3. A map has a scale of  $\frac{1}{2}$  inch representing 10 miles. How many miles are represented by 2 inches?

- A.  $\frac{10}{2}$                       B.  $10\frac{1}{2}$                       C. 4                      D. 40
- 

4. Which of these angles measures greater than 90 degrees?



- A. A                      B. B                      C. C                      D. D
- 

5. Which of these numbers would go in the    ? to make this number sentence true?

$$(45 - 3) + 7 = \underline{\quad?}$$

- A. 44                      B. 49                      C. 39                      D. 25
- 

6. Which of these would be closest to the amount of water in a bathtub?

- A. 20 gallons                      B. 20 pounds                      C. 20 ounces                      D. 20 kiloliters
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