

*SKILLS LIST and SAMPLE ITEMS*

*FOR*

**PRACTICE TEST FOR MATHEMATICS, GRADE 5**

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

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*Skills*

- |   |  |
|---|--|
| 1.0 Number/Number Sense                         | 3.0 Probability and Statistics   |
| 1.1 Place Values of Decimals                    | 3.1 Problem Solving  |
| 1.2 Compare Values of Decimals<br>Using Symbols | 3.2 Numerical Data   |
| 2.0 Measurement and Geometry                    | 3.3 Mean and Mode  |
| 2.1 Perimeter and Area                          | 4.0 Patterns, Functions, and Algebra                                       |
| 2.2 Diameter/Radius/Chord/<br>Circumference     | 4.1 Numerical/Geometric Patterns   |
| 2.3 Appropriate Application                     | 4.2 Variables  |
| 2.4 Appropriate Unit of Measurement             | 5.0 Computation and Estimation   |
| 2.5 Angles                                      | 5.1 Addition, Subtraction,<br>Multiplication, Division of<br>Whole Numbers |
| 2.6 Ordered Pairs                               | 5.2 Product of Two Numbers<br>Expressed as Decimals                        |
|   | 5.3 Quotient and Remainder   |
|   | 5.4 Quotient   |
|   | 5.5 Fractions and Mixed Numbers  |
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Number of questions: 50

Number of pages: 15

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(OVER)

# SOL PRACTICE TEST IN MATHEMATICS - GRADE 5

1. What goes in the blank to make the statement true?

$$\underline{\hspace{1cm}} > 0.712$$

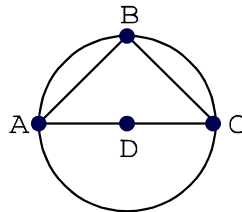
- A. 0.172
  - B. 0.217
  - C. 0.7120
  - D. 0.721
- 

2. What is the value of the 7 in 35.87?

- A. 7 tenths
  - B. 7 hundreds
  - C. 7 hundredths
  - D. 7 tens
- 

3. Name the diameter of the circle.

- A. AC
- B. AB
- C. CB
- D. CD



4. Paul needs to paint the floor drawn here. The length is 8 feet, and the width is 8 feet. He needs enough paint to cover which of the following?

- A. 16 square feet
- B. 32 square feet
- C. 64 square feet
- D. 124 square feet



5. The distance of a hallway would be measured in-

- A. inches
- B. feet
- C. pounds
- D. miles