

SKILLS LIST and SAMPLE TEST ITEMS

FOR

PRACTICE TEST FOR MATHEMATICS, GRADE 6

(Test items developed for skills measured in CAT-5)*

Skills

- | | |
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| 1.0 Mathematics Computation | 2.4 Demonstrating Understanding of Concepts and Processes that Relate to Algebra Skills and Functions and Their Application in Problem Solving |
| 1.1 Adding Whole Numbers | |
| 1.2 Subtracting Whole Numbers | 2.5 Demonstrating Understanding of Measurement Concepts and Skills and Their Application in Problem Solving |
| 1.3 Multiplying Whole Numbers | |
| 1.4 Dividing Whole Numbers | |
| 1.5 Adding, Subtracting, Multiplying, and Dividing Decimal Numbers | 2.6 Demonstrating Understanding of Geometric Concepts, Properties, and Relationships and Their Application in Problem Solving |
| 1.6 Adding, Subtracting, Multiplying, and Dividing Fractions | |
| 2.0 Mathematics Concepts and Applications | |
| 2.1 Demonstrating Understanding of Number and Numerical Representations and Their Application in Problem Solving | |
| 2.2 Demonstrating Understanding of Number Theory Concepts and Number Relationships and Their Application in Problem Solving | |
| 2.3 Interpreting and Evaluating Graphic Displays and Demonstrating Understanding of Probability and Statistics Concepts and Their Application in Problem Solving | |

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(OVER)

CAT-5 MATHEMATICS PRACTICE TEST - GRADE 6

1.
$$\begin{array}{r} 368 \\ +875 \\ \hline \end{array}$$

- A. 1133 B. 1243 C. 1143 D. 1353
-

2. $9 + (6-5) =$

- A. 11 B. 20 C. 10 D. 12
-

3. $71 - 27 =$

- A. 44 B. 56 C. 43 D. none of these
-

4.
$$\begin{array}{r} 5601 \\ - 756 \\ \hline \end{array}$$

- A. 4845 B. 5155 C. 4855 D. 6357
-

5.
$$\begin{array}{r} 5700 \\ - 547 \\ \hline \end{array}$$

- A. 6247 B. 5253 C. 5247 D. 5153
-

6.
$$\begin{array}{r} 4329 \\ - 276 \\ \hline \end{array}$$

- A. 708 B. 266 C. 156 D. none of these
-

7. $376 - 9 =$

- A. 373 B. 366 C. 368 D. none of these
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