

SKILLS LIST and SAMPLE TEST ITEMS

FOR

PRACTICE TEST FOR MATHEMATICS, GRADE 1

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

Skills

- | | |
|--|--|
| 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 | |
| 2.0 Mathematics Concepts and Application | 2.5 Demonstrating Understanding of Measurement Concepts and Skills and Their Application in Problem Solving |
| 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 | 2.6 Demonstrating Understanding of Geometric Concepts, Properties, and 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 TEACHER EDITION - GRADE 1

Teacher Says: We are going to do some math problems. The first part is addition. Let's do the sample together. Look at the problem and the answer choices under the problem. Fill in the circle by your answer.

SAMPLE A

$$4 + 4 =$$

0

8

4

2

Teacher Says: You should have filled in the circle by the eight. Four plus four equals eight. Now you are going to do some more problems on your own. Stop when you come to the words "STOP HERE".

1. $5 + 0 =$

4

5

10

50

2. $3 + 4 =$

7

1

34

8

3.
$$\begin{array}{r} 4 \\ 2 \\ +3 \\ \hline \end{array}$$

6

42

5

9

4. $2 + 5 =$

2

5

25

7

CAT-5 MATHEMATICS PRACTICE TEST - GRADE 1
STUDENT EDITION

SAMPLE A

$$4 + 4 =$$

0

8

4

2

1. $5 + 0 =$

4

5

10

50

2. $3 + 4 =$

7

1

34

8

3.
$$\begin{array}{r} 4 \\ 2 \\ \hline +3 \end{array}$$

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