

**SKILLS LIST and SAMPLE TEST ITEMS**

**FOR**

**PRACTICE TEST FOR MATHEMATICS, GRADE 5**

*(Test items developed for skills measured in TCAP)*

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**Skills**

- |     |                                     |     |                                       |
|-----|-------------------------------------|-----|---------------------------------------|
| 1.0 | Number Sense/Theory                 | 5.0 | Data Analysis/Probability             |
| 1.1 | Whole Numbers/Percents/<br>Decimals | 5.1 | Data                                  |
| 1.2 | Place Value                         | 5.2 | Probability                           |
| 1.3 | Estimation                          | 5.3 | Mean/Mode/Median                      |
| 1.4 | Fractions/Mixed Numbers             | 6.0 | Measurement                           |
| 2.0 | Computation                         | 6.1 | Temperature                           |
| 2.1 | Whole Numbers                       | 6.2 | Length/Area                           |
| 2.2 | Decimals                            | 6.3 | Reasonableness of Answer              |
| 2.3 | Fractions                           | 6.4 | Appropriate Units of Measure          |
| 3.0 | Algebra                             | 6.5 | Convert Measurements                  |
| 3.1 | Numerical Equations                 | 6.6 | Area                                  |
| 3.2 | Patterns                            | 7.0 | Geometry                              |
| 3.3 | Function Rules                      | 7.1 | Lines/Segments/Rays/Angles            |
| 3.4 | Coordinate Graph                    | 7.2 | Two- and Three-Dimensional<br>Figures |
| 3.5 | Mathematical Relationship           | 7.3 | Transformations                       |
| 4.0 | Real World Problems                 | 7.4 | Classify Geometric Figures            |
| 4.1 | One- and Two-Step Problems          |     |                                       |
| 4.2 | Measurements                        |     |                                       |
| 4.3 | Elapsed Time                        |     |                                       |
| 4.4 | Perimeter/Area                      |     |                                       |
| 4.5 | Extend Rate Charts                  |     |                                       |

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Number of questions: 64

Number of pages: 14

Approximate testing time: 80 minutes

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(OVER)

TCAP PRACTICE TEST IN MATHEMATICS - GRADE 5  
FORM A

## PART 1

Read each problem carefully and choose the correct answer. Stop when you come to the word STOP.

1. What is the name of the number below?

163,857

- A. one hundred sixty-three thousand, eight hundred seventy-five
- B. one hundred thirty-six thousand, five hundred eighty-seven
- C. one hundred sixty-three thousand, eight hundred fifty-seven
- D. one hundred thousand, six hundred fifty seven
2. Which is equal to 54,297?
- A.  $50,000 + 4,000 + 200 + 7$
- B.  $50,000 + 4,000 + 200 + 90 + 7$
- C.  $50,000 + 200 + 90 + 7$
- D.  $50,000 + 400 + 200 + 90 + 7$
3. Mark picked 23 apples on Monday, 45 on Tuesday, and 36 on Wednesday. About how many apples did he pick all 3 days?
- A. 50
- B. 100
- C. 150
- D. 200

4. Which of the following is a true statement?

A.  $\frac{1}{2} > \frac{1}{3}$

B.  $\frac{1}{2} \leq \frac{1}{3}$

C.  $\frac{1}{3} > \frac{1}{2}$

D.  $\frac{1}{3} \geq \frac{1}{2}$

5. Add 3,456 and 789.

A. 2,345

B. 3,235

C. 3,245

D. 4,245

6. Choose the correct answer.

$4.26 \times 12 = \square$

A. 42.61

B. 49.10

C. 50.12

D. 51.12

7.  $8 - 5\frac{1}{12} = \square$

A.  $4\frac{3}{12}$

B.  $3\frac{11}{12}$

C.  $3\frac{1}{12}$

D.  $2\frac{11}{12}$