

*SKILLS LIST and SAMPLE TEST ITEMS*

*FOR*

**PRACTICE TEST FOR MATHEMATICS, GRADE 3**

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

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*Skills*

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|-----|---|-----|--|
| 1.0 | Numbers and Operations                  | 4.0 | Measurement                                |
| 1.1 | Number Sense/Place Value/<br>Estimation | 4.1 | Units of Measurement                       |
| 1.2 | Fractions                               | 4.2 | Conversion/Estimate/Measure                |
| 1.3 | Operations                              | 4.3 | Time/Money/Temperature                     |
| 1.4 | Story Problems                          | 5.0 | Data Analysis and Probability              |
| 2.0 | Algebra                                 | 5.1 | Collect/Organize/Analyze<br>Data/Timelines |
| 2.1 | Geometric Patterns                      | 5.2 | Probability                                |
| 2.2 | Numerical Patterns                      | 6.0 | Comprehension Skills                       |
| 2.3 | Numerical Equations                     | 6.1 | Numbers and Operations                     |
| 3.0 | Geometry                                | 6.2 | Algebra                                    |
| 3.1 | Geometric Shapes                        | 6.3 | Geometry                                   |
| 3.2 | Lines/Rays/Angles/<br>Transformations   | 6.4 | Measurement                                |
| 3.3 | Points on a Coordinate Grid             | 6.5 | Data Analysis and Probability              |
|     |   | 7.0 | Analysis Skills                            |
|     |   | 7.1 | Algebra                                    |
|     |   | 7.2 | Data Analysis and Probability              |
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Number of questions: 52

Number of pages: 14

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**WESTEST PRACTICE TEST IN MATHEMATICS - GRADE 3  
FORM A**

**DIRECTIONS:** Now you are going to take a math test. Work each problem and then select the best answer. Mark your answer choice by filling in the circle next to your answer on the test.

**SAMPLE**

Michael saw 6 birds, 9 cats, and 5 dogs in the park. How many cats and dogs did he see?

- (A) 11
- (B) 14
- (C) 15
- (D) 20

1. Maria had to check the temperature to see if it was warm enough to go on a picnic. Look at the thermometer. What was the temperature?



- (A) 65
- (B) 70
- (C) 74
- (D) 80

2. The chart shows how many number cubes are in a bag.

Number on Cube	How Many
2	1
3	5
4	4
5	10

If you reached into the bag and took one cube without looking, what number would you be the least likely to get?

- (A) 2
- (B) 3
- (C) 4
- (D) 5

3. Which answer best explains the number pattern below?

4, 8, 12, 16, 20, 24

- (A) Multiply each number by two
- (B) Multiply each number by four
- (C) Add four to each number
- (D) Double each number