

*SKILLS LIST and SAMPLE TEST ITEMS*

*FOR*

**PRACTICE TEST FOR MATHEMATICS, GRADE 5**

*(Test items developed for skills measured in GA03)*

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*Skills*

- |     |   |     |   |
|-----|---|-----|---|
| 1.0 | Number Sense and Numeration                                   | 4.0 | Statistics and Probability                    |
| 1.1 | Fundamental Characteristics                                   | 4.1 | Collects, Organizes, Displays Data            |
| 1.2 | Place Value   | 4.2 | Interprets and Draws Conclusions from Data    |
| 1.3 | Properties of Numbers   | 4.3 | Probability                                   |
| 2.0 | Geometry and Measurement                                      | 4.4 | Determines Mean, Median, and Mode             |
| 2.1 | Characteristics of Shapes, Sorting, etc.                      | 5.0 | Computation and Estimation                    |
| 2.2 | Appropriate Units/Instruments                                 | 5.1 | Properties of Addition and Multiplication     |
| 3.0 | Patterns and Relationships                                    | 5.2 | Basic Facts                                   |
| 3.1 | Number Relations  | 5.3 | Writes Number Sentences                       |
| 3.2 | Predicts and Completes Patterns                               | 5.4 | Operations in Computation and Problem Solving |
| 3.3 | Missing Terms and Rules for Patterns                          | 5.5 | Estimation and Mental Computation             |
| 3.4 | Recognizes, Describes, and Generalizes Patterns and Sequences | 6.0 | Problem Solving                               |
|     |   | 6.1 | Interprets Data/Constructs Appropriate Graphs |
|     |   | 6.2 | Problem Solving Strategies                    |

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Number of questions: 60

Number of pages: 12

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(OVER)

# GA03 PRACTICE TEST IN MATHEMATICS - GRADE 5 FORM A

## SECTION 1

Read each question and choose the correct answer. Mark the answer on your answer sheet. You may not use a calculator for this part of the test.

1. The following survey was given to a 4<sup>th</sup> grade classroom of 35 students.

Ice Cream	
Chocolate	16
Vanilla	9
Strawberry	4
Swirl	?

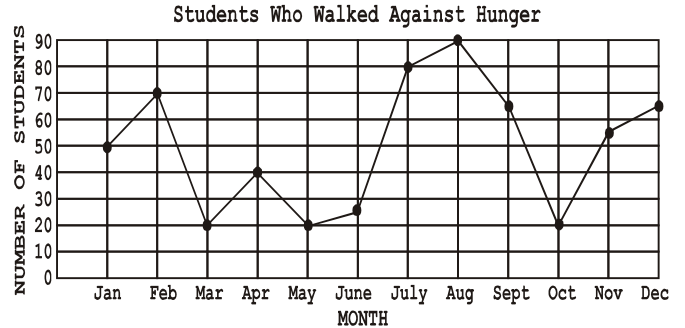
What fraction of the class preferred swirl ice cream?

- A.  $\frac{6}{35}$   
 B.  $\frac{6}{16}$   
 C.  $\frac{16}{35}$   
 D.  $\frac{4}{6}$
2. Which of the following best describes the pattern of numbers?

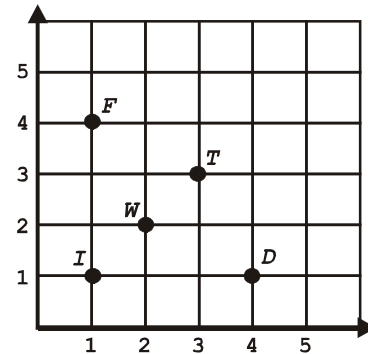
20, 21, 17, 18, 14, 15

- A. add 4, subtract 1  
 B. add 1, subtract 4  
 C. subtract 4, multiply by 1  
 D. divide by 1, subtract 4

3. How many students walked against hunger in December?



- A. 50  
 B. 55  
 C. 60  
 D. 65
4. If point I at (1,1) is moved to (4,4), which point would be closest to it?



- A. F  
 B. D  
 C. W  
 D. T
5. Which of the following is the prime factorization of 36?
- A.  $6 \times 6$   
 B.  $2^2 \times 3^2$   
 C.  $2 \times 3^2$   
 D.  $2^2 \times 3$