

SKILLS LIST and SAMPLE TEST ITEMS

FOR

PRACTICE TEST FOR MATHEMATICS, GRADE 7

(Test items developed for skills measured in GA03)

Skills

- | | | | |
|-----|--|-----|---|
| 1.0 | Number Sense and Numeration | 4.0 | Statistics and Probability |
| 1.1 | Fundamental Characteristics | 4.1 | Collects, Organizes, and Displays Data |
| 1.2 | Place Value | 4.2 | Probability |
| 1.3 | Properties of Numbers | 4.4 | Identifies Outcomes of Events |
| 2.0 | Geometry and Measurement | 4.5 | Mean, Mode, Median, and Range |
| 2.1 | Characteristics of Shapes; Classifying Plane and Solid Figures | 5.0 | Computation and Estimation |
| 2.2 | Appropriate Units/ Instruments | 5.1 | Properties of Addition and Multiplication |
| 2.3 | Formulas Related to Plane and Solid Figures | 5.2 | Operations in Computation and Problem Solving |
| 3.0 | Patterns and Relationships | 5.3 | Estimation and Mental Computation |
| 3.1 | Number Relations | 5.4 | Computes Percent |
| 3.2 | Predicts and Completes Patterns | 6.0 | Problem Solving |
| 3.3 | Uses Order of Operations | 6.1 | Interprets Data/Appropriate Graphs |
| 3.4 | Solves Equations | 6.2 | Problem Solving Strategies |

Number of questions: 60

Number of pages: 12

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(OVER)

**GA03 PRACTICE TEST IN MATHEMATICS - GRADE 7
FORM A**

SECTION 1

Read each question and choose the correct answer.

SAMPLE

Mr. Plunkett has graded 12 of the 18 projects turned in this morning. What percent has he graded?

- A. 67%
- B. 65%
- C. 60%
- D. 57%

1. What is the value of the 9 in the number 234.7891?
 - A. 9 hundredths
 - B. 9 tenths
 - C. 9 thousandths
 - D. 9 hundred
2. Which of the following is the first step in finding the value of the expression $3+4(5-6)-11$?
 - A. $3+4$
 - B. $5-6$
 - C. $4x-1$
 - D. $7-11$
3. The following chart shows students' favorite music.

Music	Number
Rock	33
Classical	3
Pop	45
Blues	8
Latino	5
Rap	20

Which of the following will make up 50% or more of the number of students questioned?

- A. Classical and Rock
- B. Rock and Pop
- C. Rap and Latino
- D. Blues and Pop

4. Which of the following is an example of the identity property of multiplication?
 - A. $rx1=r$
 - B. $rx0=0$
 - C. $5x(2x8)=(5x2)x8$
 - D. $5x(2x8)=(8x2)x5$
5. A bookstore received a carton that contained 12 copies of a dictionary. Each dictionary weighs 2.3 kg, and the carton weighs 1.3 kg. What is the total weight of the filled carton?
 - A. 26.3 kg
 - B. 27.6 kg
 - C. 27.9 kg
 - D. 28.9 kg
6. What is the next number in the pattern below?

1, 2, 3, 5, 8, 13, ____

 - A. 21
 - B. 19
 - C. 17
 - D. 16
7. Which of the following geometric figures has only one base?
 - A. Cube
 - B. Cone
 - C. Cylinder
 - D. Sphere