

*SKILLS LIST and SAMPLE ITEMS FOR*  
**PRACTICE TEST FOR MATHEMATICS, GRADE 7**  
(Test items developed for skills measured in MCT)

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*Skills*

- 1.0 Numbers Sense
    - 1.1 Number Meaning, Operations
  - 2.0 Geometry
    - 2.1 Properties of Shapes, Lines, Angles
  - 3.0 Measurement
    - 3.1 Using Standard, Non-Standard Units
    - 3.2 Estimation
  - 4.0 Data Analysis, Statistics, Probability
    - 4.1 Collecting, Organizing, Describing Data
    - 4.2 Probability
  - 5.0 Algebra
    - 5.1 Variables, Expressions, Equations
    - 5.2 Patterns
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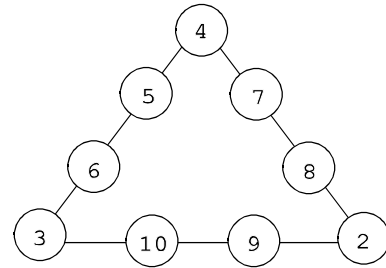
Number of questions: 50  
Number of pages: 13

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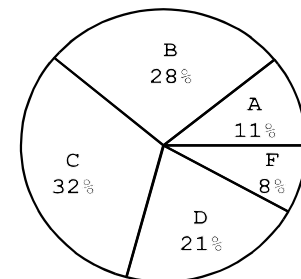
# MCT PRACTICE TEST IN MATHEMATICS - GRADE 7

1. What is another way to write 27,634,569?
  - A. twenty seven million, six hundred thirty four thousand, five hundred sixty nine
  - B. two hundred seven million, six hundred thirty four thousand, five hundred sixty nine
  - C. twenty seven million, six hundred thirty thousand, five hundred sixty nine
  - D. twenty seven million, six hundred thirty thousand, five hundred six
  
2. Which of these is another way to write twenty-three and 14 hundredths?
  - A. 23.14
  - B. 231.4
  - C. 2,314
  - D. 231,400,000
  
3. Margo made three times as much money as Tony. If Tony made \$9, which of the equations below would you use to find out how much money Margo made?
  - A.  $m = 3 \times 3$
  - B.  $9 \times 9 \times 9 = m$
  - C.  $m = 3 \times 9$
  - D.  $9 \div 3 = m$
  
4. Which of the following fractions is equal to 40%?
  - A.  $\frac{4}{5}$
  - B.  $\frac{2}{5}$
  - C.  $\frac{1}{3}$
  - D.  $\frac{1}{6}$
  
5. Which of the following is equal to 32,600,000?
  - A.  $30,000,000 + 2,000,000 + 600,000$
  - B.  $30,000 + 2,000 + 600$
  - C.  $3,000,000 + 200,000 + 6,000$
  - D.  $30,000,000 + 200,000 + 6,000$



6. Which two numbers would you switch so that the sum along each side would be 21?
  - A. 6 and 9
  - B. 6 and 8
  - C. 4 and 10
  - D. 5 and 7
  
7. Which of the numbers below is not equal to  $7\frac{2}{10}$ ?
  - A.  $7\frac{1}{5}$
  - B.  $7\frac{4}{20}$
  - C.  $7\frac{1}{2}$
  - D.  $\frac{72}{10}$
  
8. A mayonnaise jar holds 0.947 liters. How many milliliters does it hold?
  - A. 947.2
  - B. 947
  - C. 94.7
  - D. 9.47
  
9. According to this graph, if 50 students took the exam, how many did not pass?
 

Letter Grades on an Exam



- A. 4
- B. 6
- C. 8
- D. 10