

SKILLS LIST and SAMPLE ITEMS

FOR

PRACTICE TEST FOR MATHEMATICS, GRADE 4 - FORM B

(Test items developed for skills measured in CRCT)

Skills

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|---|---|
| 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 Interprets and Draws Conclusions from Data |
| 1.3 Properties of Numbers | 4.3 Probability |
| 1.4 Fractions | 4.4 Determines Mean and Median |
| 2.0 Geometry and Measurement | 5.0 Computation and Estimation |
| 2.1 Characteristics of Shapes, Sorting, Classifying Plane and Solid Figures | 5.1 Properties of Addition and Multiplication |
| 2.2 Appropriate Units/Instruments | 5.2 Operations in Computation and Problem Solving |
| 2.3 Coordinate Graphs | 5.3 Estimation and Mental Computation |
| 3.0 Patterns and Relationships | 6.0 Problem Solving |
| 3.1 Number Relations | 6.1 Interprets Data/Constructs Appropriate Graphs |
| 3.2 Predicts and Complete Patterns | 6.2 Problem-Solving Strategies |
| 3.3 Missing Terms and Rules for Patterns | |
| 3.4 Recognizes, Describes, and Generalizes Patterns and Sequences | |
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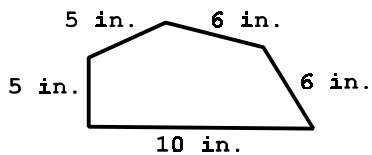
CRCT PRACTICE TEST IN MATH - GRADE 4 - FORM B

1. Lynn bought ice skates for \$39.95, 2 pairs of socks for \$1.98 each, and a hat for \$2.50. How much did she spend in all?
- A. \$44.43
 B. \$45.41
 C. \$46.31
 D. \$46.41

2. Which one of these items would you choose to measure in gallons?
- A. hamburger meat
 B. length of a pencil
 C. milk
 D. distance from one point to another

3. Arrange the digits 2, 3, 5, and 8 to create numbers that are greater than 8,000 and less than 8,500 and are in ascending order.
- A. 8,235 8,253 8,325 8,352
 B. 8,325 8,235 8,253 8,352
 C. 8,325 8,352 8,235 8,253
 D. 8,352 8,325 8,253 8,235

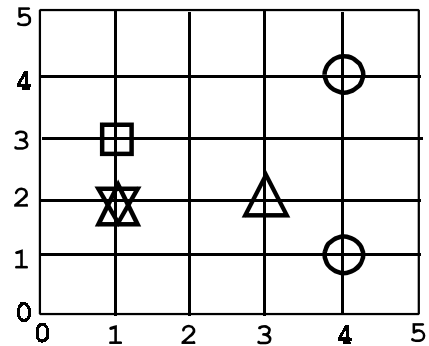
4. How would you find the perimeter of this polygon?



- A. multiply the lengths of the 5 sides
 B. multiply 5×10 and 6×5 and add
 C. make it into a rectangle and a triangle and add the lengths of the seven sides
 D. add the lengths of the 5 sides
5. Mr. Randall had \$497. He bought a chain saw for \$281. How much money did he have left?
- A. \$778
 B. \$216
 C. \$116
 D. \$316

6. What is eighty thousand, seventy written in standard form?
- A. 8,070
 B. 80,070
 C. 80,700
 D. 8,700

7. Which of these is the coordinates of the square?



- A. (1,2)
 B. (3,2)
 C. (1,3)
 D. (4,4)
8. There were 20 tomato plants in the garden. There are 5 plants in each row. To find out how many rows there are, what operation do you need?
- A. addition
 B. subtraction
 C. multiplication
 D. division
9. Stroopes Bakery sold twenty-five thousand, five hundred twenty-six cookies in one month. What is this number in standard form?
- A. 25,625
 B. 25,526
 C. 25,426
 D. 25,326