

SKILLS LIST and SAMPLE ITEMS

FOR

PRACTICE TEST FOR MATHEMATICS, GRADE 7 - 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 Probability |
| 1.3 Properties of Numbers | 4.3 Identifies Outcomes of Events |
| 2.0 Geometry and Measurement | 4.4 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 Complete 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 |
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(OVER)

CRCT PRACTICE TEST IN MATHEMATICS - GRADE 7 - FORM B

1. Linda has 5.3 pounds of tomatoes, 3.2 pounds of cucumbers, and 1.6 pounds of lettuce. What is the total weight of her vegetables?

- A. 1.01
- B. 6.9
- C. 8.2
- D. 10.1

2. Mr. Jacobs signed an installment contract to pay \$400 a month for 5 years for a new car. The car's actual price is \$15,900. What needs to be done to figure out how much extra Mr. Jacobs is paying by spreading out the payments over 5 years?

- A. Multiply \$400 times 60. Then subtract \$15,900 from this amount.
- B. Multiply \$400 times 5 and add to \$15,900.
- C. Subtract \$2,000 from \$15,900.
- D. Multiply \$400 times 5 and divide by \$15,900.

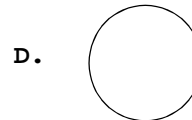
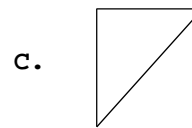
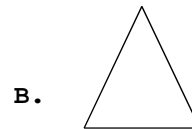
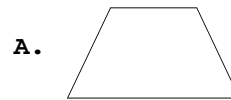
3. Maurice spends $\frac{5}{8}$ of his allowance on videos and $\frac{1}{4}$ on snacks. How much more does he spend on videos than on snacks?

- A. $\frac{7}{8}$
- B. $\frac{3}{4}$
- C. $\frac{4}{8}$
- D. $\frac{3}{8}$

4. A bag contains 3 blue marbles, 2 red marbles, and 1 each of green, black, and brown. If you were to pick one marble out of the bag, what is the probability of choosing a red marble?

- A. $\frac{3}{10}$
- B. $\frac{2}{10}$
- C. $\frac{1}{10}$
- D. $\frac{1}{2}$

5. Which of the figures has no lines of symmetry?



6. What number is represented by 3.4×10^4 ?

- A. 3,400
- B. 34,000
- C. 340,000
- D. 3,400,000