

*SKILLS LIST and SAMPLE ITEMS*

FOR

PRACTICE TEST FOR MATHEMATICS, GRADE 5 - FORM B

(Test items developed for skills measured in FCAT)

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Skills

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|----------------------------------------------------------------------------------------|------------------------------------------------------------------------------------|
| 1.0 Number Sense, Concepts, and Operations                                             | 4.0 Algebraic Thinking                                                             |
| 1.1 Identifying Operations (+, -, x, ÷) and the effects of operations                  | 4.1 Describing, analyzing, and generalizing patterns, relations, and functions     |
| 1.2 Determining estimates                                                              | 4.2 Writing using expressions, equations, inequalities, graphs, and formulas       |
| 1.3 Knowing how numbers are represented and used                                       | 5.0 Data Analysis and Probability                                                  |
| 2.0 Measurement                                                                        | 5.1 Analyzing, organizing, and interpreting data                                   |
| 2.1 Recognizing measurements and units of measurement                                  | 5.2 Identifying patterns and making predictions, inferences, and valid conclusions |
| 2.2 Comparing, contrasting, and converting measurements                                | 5.3 Using probability and statistics                                               |
| 2.3 Use appropriate instruments                                                        |                                                                                    |
| 3.0 Geometry and Spatial Sense                                                         |                                                                                    |
| 3.1 Describing, drawing, identifying, and analyzing two- and three- dimensional shapes |                                                                                    |
| 3.2 Using coordinate geometry                                                          |                                                                                    |
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Number of questions: 45

Number of pages: 8

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# FCAT PRACTICE TEST IN MATHEMATICS - GRADE 5 - FORM B

1. Mrs. Smith is taking her class to the fair. She has 24 people in her class going on the trip. If 3 people can sit in a seat on the bus, how many bus seats will be taken by her class?

- A. 3
- B. 6
- C. 8
- D. 12

2. Susan went to the store and spent \$56. The items (x) that she bought cost \$8. Which equation is the best to solve the problem?

- A.  $x + 8 = 56$
- B.  $56 - 8 = x$
- C.  $56x = 8$
- D.  $8x = 56$

3. What unit would you most likely use to measure the amount of lemonade in a pitcher?

- A. centimeter
- B. liter
- C. kilogram
- D. kilometer

4. Which symbol would belong in the blank in this number sentence?

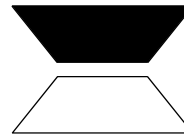
$$7 + 3 = 5 \underline{\quad} 5$$

- A. -
- B. +
- C. x
- D. ÷

5. The school choir was preparing for a concert. Ms. Davis made 4 rows of students with 10 students in each row. On the day of the concert 2 students on the second row were absent. Which number sentence could you use to find out how many students were on the second row?

- A.  $10 \times 2 = \underline{\quad}$
- B.  $2 + 10 = \underline{\quad}$
- C.  $10 - 2 = \underline{\quad}$
- D.  $2 \times \underline{\quad} = 12$

6. How was this figure moved?



- A. turn
- B. flip
- C. slide and turn
- D. slide

7. The coach is choosing teams for a game. She has already chosen the first, fourth, seventh, and tenth students. If her pattern continues, which student will she pick next for the game?

- A. eleventh
- B. twelfth
- C. thirteenth
- D. fourteenth

8. Some elementary classes went to a local auditorium to see a play. There were 14 seats in the first row, 18 seats in the second, 22 in the third, and 26 in the fourth. How many seats would be in the sixth and seventh rows?

- A. 38, 42
- B. 30, 38
- C. 30, 34
- D. 34, 38

9. The tree in Mary's yard is 70 inches tall. How tall is the tree in feet and inches?

- A. 6 ft. 4 in.
- B. 6 ft. 1 in.
- C. 5 ft. 10 in.
- D. 5 ft. 0 in.