

SKILLS LIST and SAMPLE ITEMS

FOR

PRACTICE TEST FOR MATHEMATICS, GRADE 4 - FORM B

(Test items developed for skills measured in FCAT)

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 | 5.4 Computes Percent |
| 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: 10

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FCAT PRACTICE TEST IN MATHEMATICS - GRADE 4 - FORM B

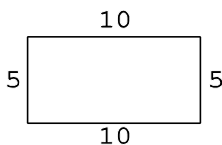
1. Annmarie, Cyndy, and Becky went bowling. They spent \$2.50 each to play one game, bought three drinks for \$1.25 each, and then decided to play a second game. The second game was only \$2.00 each. How much did they spend in all?

- A. \$17.25
- B. \$17.00
- C. \$16.25
- D. \$16.00

2. For the Christmas concert, Mrs. Davis lined the students up in rows with twelve students in each row. If 3 students on the front row were absent, which number sentence could you use to find out how many students were on the front row?

- A. $3 + 12 = \underline{\quad}$
- B. $12 \times \underline{\quad} = 3$
- C. $3 \times \underline{\quad} = 12$
- D. $12 - 3 = \underline{\quad}$

3. Joey is building a pen for his dog using the following pattern. How many feet of fencing does he need to buy?



- A. 40 feet
- B. 30 feet
- C. 20 feet
- D. 10 feet

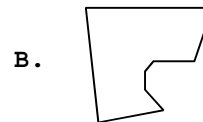
4. Juan collects baseball cards. He had 10 cards. He got 2 more for his birthday. Which number sentence would he use to find his new total number of cards?

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

5. Tom has a pass for 20 free bowling games. If Tom bowls twice a week, which number sentence would he use to find out how many weeks he can bowl free?

- A. $20 - 2 = \underline{\quad}$
- B. $20 \div 2 = \underline{\quad}$
- C. $2 \times 20 = \underline{\quad}$
- D. $20 \div 7 = \underline{\quad}$

6. Which figure has symmetry?



7. How are the numbers in Row 1 related to the numbers in Row 2?

ROW 1	16	24	48	64
ROW 2	2	3	6	8

- A. Each number is divided by 2.
- B. Each number is multiplied by 4 and then divided by 2.
- C. Each number is divided by 6.
- D. Each number is divided by 8.