

*SKILLS LIST and SAMPLE TEST ITEMS*

*FOR*

**PRACTICE TEST FOR MATHEMATICS, GRADE 6**

*(Test items developed for skills measured in ITBS03)*

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Skills

- |     |                          |     |                 |
|-----|--------------------------|-----|-----------------|
| 1.0 | Math Concepts            | 3.0 | Computation     |
| 1.1 | Properties/Operations    | 3.1 | Whole Numbers   |
| 1.2 | Algebra                  | 3.2 | Fractions       |
| 1.3 | Geometry                 | 3.3 | Decimals        |
| 1.4 | Measurement              | 4.0 | Thinking Skills |
| 1.5 | Probability/Statistics   | 4.1 | Math Concepts   |
| 1.6 | Estimation               | 4.2 | Problem Solving |
| 2.0 | Problem Solving          |     |                 |
| 2.1 | Problem Solving          |     |                 |
| 2.2 | Locate/Interpret Amounts |     |                 |
| 2.3 | Quantities               |     |                 |
| 2.4 | Relationships            |     |                 |

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Number of questions: 101

Number of pages: 17

Approximate testing time: 75 minutes

(c) EPES TESTING, INC.

(OVER)

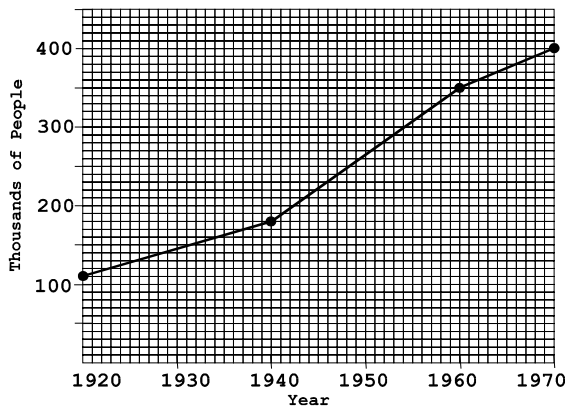
**ITBS03 PRACTICE TEST IN MATHEMATICS - GRADE 6  
FORM A**

**DIRECTIONS:** Read each question carefully and choose the correct answer.

**SAMPLE A**

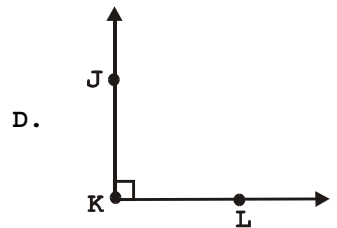
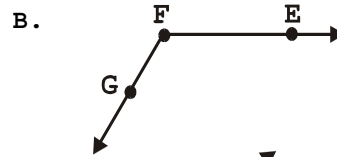
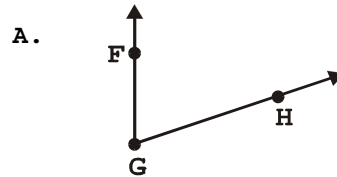
According to the graph below, during which period did the population of Fort Worth grow the most?

Population of Fort Worth, Texas, from 1920-1970



- A. 1920-1940
- B. 1930-1940
- C. 1940-1960
- D. 1960-1970

1. Which of the following is an obtuse angle?



2. Chuck is building a model airplane out of popsicle sticks. Each stick costs \$0.02, and the glue is \$0.50 a bottle. The wings take 10 sticks each, and the body takes 33. Which equation will give the correct cost for the sticks and glue?

- A.  $(0.02 + 0.50) \times 10 = C$
- B.  $(10 + 33)0.02 + 0.50 = C$
- C.  $(10 + 33 + 10)0.02 + 0.50 = C$
- D.  $53 \times 0.52 = C$

3. Evaluate the expression if  $a=6$  and  $b=5$ .  $3a + 6b - 5$

- A. 34
- B. 43
- C. 46
- D. 53