

SKILLS LIST and SAMPLE TEST ITEMS

FOR

**PRACTICE TEST FOR MATHEMATICS, GRADE 5
SHORT FORM B**

(Test items developed for skills measured in STANFORD10)

Skills

- | | | | |
|-----|-----------------------------|------|-----------------------------|
| 1.0 | Problem Solving | 4.0 | Thinking Skills |
| 1.1 | Number Sense and Operations | 4.1 | Number Sense and Operations |
| 1.2 | Algebra | 4.2 | Algebra |
| 1.3 | Data Interpretation | 4.3 | Data Interpretation |
| 1.4 | Geometry/Measurement | 4.4 | Geometry/Measurement |
| 2.0 | Procedures | 4.5 | Estimation |
| 2.1 | Whole Numbers | 4.6 | Connections |
| 2.2 | Decimals | 4.7 | Reasoning |
| 2.3 | Fractions | 4.8 | Whole Numbers |
| 3.0 | Related Processes | 4.9 | Decimals |
| 3.1 | Symbols and Terms | 4.10 | Fractions |
| 3.2 | Estimation | 4.11 | Everyday Problems |
| 3.3 | Connections | | |
| 3.4 | Reasoning | | |
| 3.5 | Everyday Problems | | |
| 3.6 | Use Symbols and Notation | | |

Number of questions: 50

Number of pages: 10

Approximate testing time: 51 minutes

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(OVER)

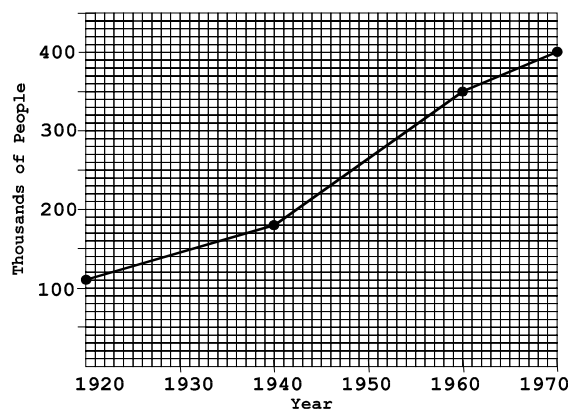
STANFORD10 PRACTICE TEST IN MATHEMATICS - GRADE 5
SHORT FORM B

DIRECTIONS: Read each question carefully and choose the correct answer. Mark your answer sheet.

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. Bonnie decided to make brownies for everyone in her Girl Scout troop. She doesn't remember how many people are in her troop, but she remembers that it could be divided equally by any of the following numbers: 4, 8, and 10. How many brownies does she need to make?
- A. 24
B. 32
C. 40
D. 48

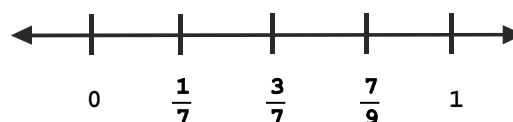
2. What is the equivalent to $\frac{14}{10}$?

- A. $\frac{7}{5}$
B. $\frac{8}{5}$
C. $\frac{8}{4}$
D. $\frac{7}{3}$

3. Dr. Steinbeck has discovered more than 384 types of bacteria. What is the closest estimate of the number of bacteria he discovered?

- A. 300
B. 370
C. 380
D. 390

4. Which of the following fractions is closest to $\frac{7}{9}$ on the number line?



- A. $\frac{2}{5}$
B. $\frac{1}{2}$
C. $\frac{7}{8}$
D. $\frac{2}{3}$