

SKILLS LIST and SAMPLE TEST ITEMS

FOR

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

(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)

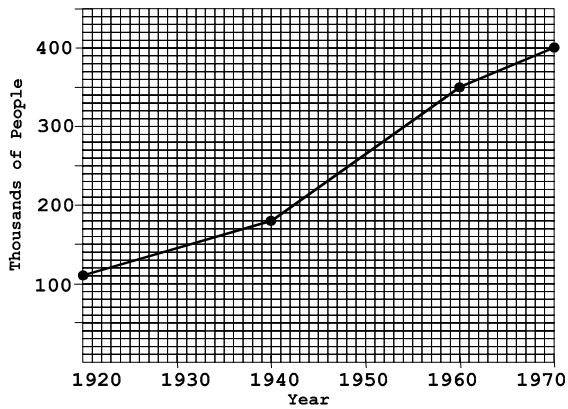
**STANFORD10 PRACTICE TEST IN MATHEMATICS - GRADE 5
FORM A**

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. Susan wants to make some cookies. How many cookies would she need so that the number could be divided equally among 2, 3, or 8 people?
 - A. 8
 - B. 12
 - C. 24
 - D. 36

2. Linda has 57,814 grams of sand in her sand box. Which of the following is the correct way to write 57,814?
 - A. Five thousand, seven hundred eighty-four
 - B. Fifty-seven thousand, eight hundred four
 - C. Fifty-seven thousand, eight hundred fourteen
 - D. Fifty-seven thousand, eight hundred forty-one

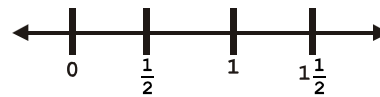
3. Which of the following is equal to $\frac{2}{3}$?

- A. $\frac{4}{6}$
- B. $\frac{5}{7}$
- C. $\frac{9}{12}$
- D. $\frac{8}{9}$

4. Tim has found 564 different types of leaves. Which number below is most accurate in identifying the different number of leaves?

- A. 500
- B. 550
- C. 560
- D. 600

5. Which of the following fractions is closest to $\frac{5}{8}$ on the number line?



- A. $\frac{3}{8}$
- B. $\frac{2}{5}$
- C. $\frac{4}{9}$
- D. $\frac{2}{3}$

6. Kevin swam four 50 meter races at his swimming competition. In which race did he swim the fastest?

- A. 12.38
- B. 12.3
- C. 12.224
- D. 12.03