

SKILLS LIST and SAMPLE TEST ITEMS

FOR

PRACTICE TEST FOR MATHEMATICS, GRADE 4

(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 Notations | |
-

Number of questions: 80

Number of pages: 17

Approximate testing time: 80 minutes

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(OVER)

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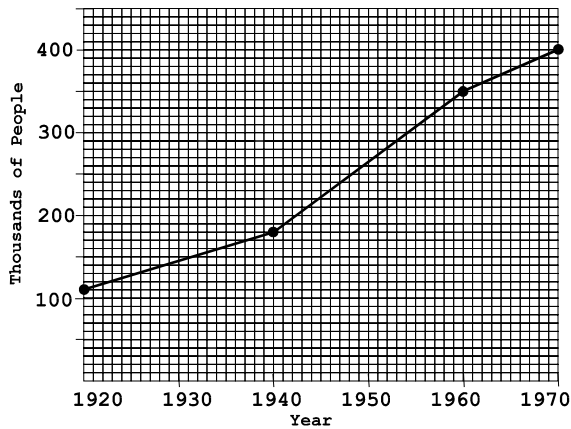
**STANFORD10 PRACTICE TEST IN MATHEMATICS - GRADE 4
FORM A**

DIRECTIONS: Read each question and select the 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. What is 3,212 feet rounded to the nearest hundred?

- A. 3,000 feet
- B. 3,100 feet
- C. 3,200 feet
- D. 3,300 feet

2. Mrs. Jones is laying tiles. She bought 7,096 tiles. She needs 1,000 less tiles. What is 1,000 less than 7,096?

- A. 7,086
- B. 6,906
- C. 6,096
- D. 6,006

3. There are 827,532 jelly beans in a jar. What value does the 8 have in 827,532?

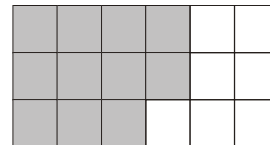


- A. 800
- B. 8,000
- C. 80,000
- D. 800,000

4. Wanda has 0.4 ounces of water. Katie has 4.1 ounces of water. Kara has 1.14 ounces of water. Susan has 4.01 ounces of water. Who has the greatest amount of water?

- A. Wanda
- B. Katie
- C. Kara
- D. Susan

5.



What fractional part has been shaded?

- A. $\frac{11}{18}$
- B. $\frac{2}{3}$
- C. $\frac{5}{8}$
- D. $\frac{1}{2}$