

SKILLS LIST and SAMPLE TEST ITEMS

FOR

**PRACTICE TEST FOR MATHEMATICS, GRADE 4
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 Notations | | |

Number of questions: 50
Number of pages: 12
Approximate testing time: 53 minutes

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(OVER)

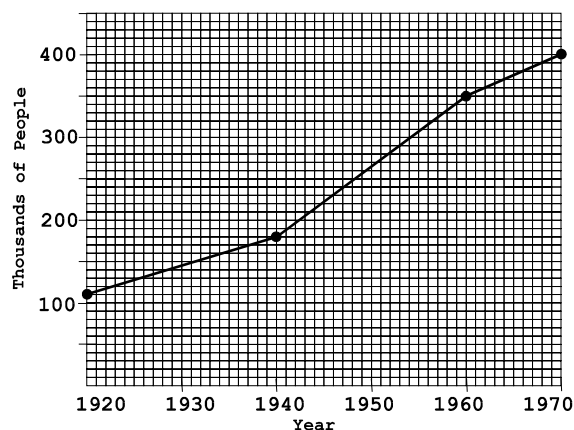
STANFORD10 PRACTICE TEST IN MATHEMATICS - GRADE 4
SHORT FORM B

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

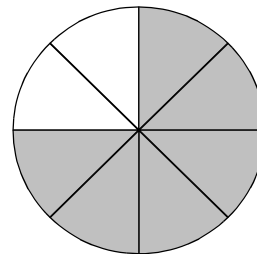
1. The fourth grade classes made 1,282 toy bags for a booth at their school carnival. They needed 1,000 more toy bags. How many bags do they need in all?

- A. 1,292
- B. 1,382
- C. 2,282
- D. 3,282

2. David ran 6.31 meters in the race. Mike ran 6.52 meters in the race. Cory ran 5.62 meters. Nate ran 4.53 meters. Who ran the farthest in the race?

- A. David
- B. Mike
- C. Cory
- D. Nate

3. What fractional part of this shape is white?



- A. $\frac{2}{8}$
- B. $\frac{2}{6}$
- C. $\frac{5}{6}$
- D. $\frac{6}{8}$

4. What is another way to write seven thousand, six hundred, forty-nine?

- A. 70,649
- B. 7,649
- C. 760,049
- D. 700,649