

SKILLS LIST and SAMPLE TEST ITEMS

FOR

**PRACTICE TEST FOR MATHEMATICS, GRADE 6
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 Computation | |
| 3.6 Use Symbols and Notations | |

Number of questions: 50

Number of pages: 10

Approximate testing time: 51 minutes

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(OVER)

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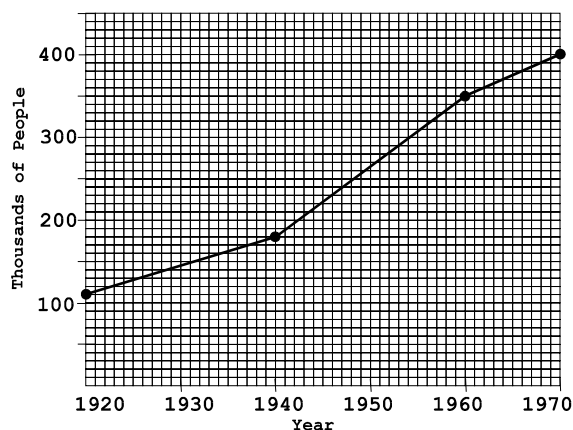
STANFORD10 PRACTICE TEST IN MATHEMATICS - GRADE 6
SHORT FORM B

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. Use the order of operations to solve the following problem:

$$4(9 + 5) + \frac{12}{6}$$

- A. 43
B. 52
C. 58
D. 66

2. Grant finally got through $\frac{2}{5}$ of his math problems. Which of the following is larger than $\frac{2}{5}$?

- A. $\frac{2}{9}$
B. $\frac{3}{7}$
C. $\frac{1}{8}$
D. $\frac{2}{7}$

3. Jackson's Bargain Bin is having its 20th anniversary. Every 4th customer gets a free pair of gloves. Every 5th customer gets a free small stuffed toy. Which customer will get a free pair of gloves and a free small stuffed toy?

- A. 20
B. 24
C. 25
D. 30

4. Magnolia High School Band has 125 members. Around $\frac{2}{5}$ brought a can of food for the food drive. How many cans have the band members brought for the food drive?

- A. 100
B. 75
C. 50
D. 25

5. Round the following number to the tenths place.

623.293

- A. 624.31
B. 623.3
C. 623.29
D. 623.2

6. Bill needs pens for his art class. He can get 10 pens at the bookstore for \$2.45. He can get 12 pens from his teacher for \$2.00. How many pens can he get from the bookstore for \$7.35?

- A. 30
B. 34
C. 40
D. 42