

SKILLS LIST and SAMPLE TEST ITEMS

FOR

PRACTICE TEST FOR MATHEMATICS, GRADE 6 - 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 | |

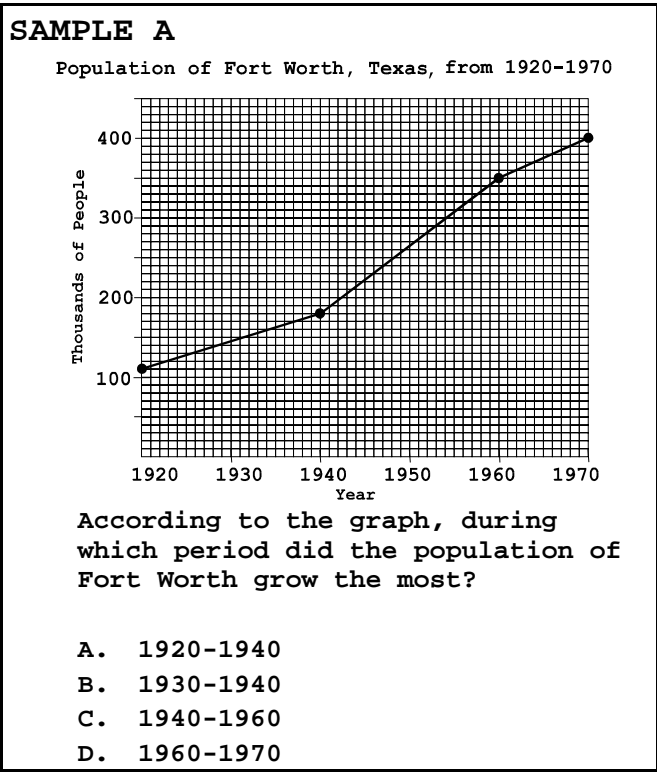
Number of questions: 80
Number of pages: 14
Approximate testing time: 80 minutes

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(OVER)

STANFORD10 PRACTICE TEST IN MATHEMATICS - GRADE 6
FORM B

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



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 it's 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. Sydney is on her way to Evanston from Garyston. Evanston is 60 miles away. So far she has driven $\frac{45}{60}$ miles. What decimal is equal to $\frac{45}{60}$?

- A. 0.59
B. 0.62
C. 0.75
D. 1.00

5. Jamie has four times as many candy bars as Kat. Jackie has 3 times more than Kat. Kat has only 2 candy bars. Maggie has 3 less than Jamie. Who has the most candy bars?

- A. Maggie
B. Jackie
C. Kat
D. Jamie

6. What is the value of 8 in the following number?

526.2894

- A. 8 hundredths
B. 8 tens
C. 8 tenths
D. 8 thousandths