

SKILLS LIST and SAMPLE TEST ITEMS

FOR

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

Number of questions: 50

Number of pages: 10

Approximate testing time: 51 minutes

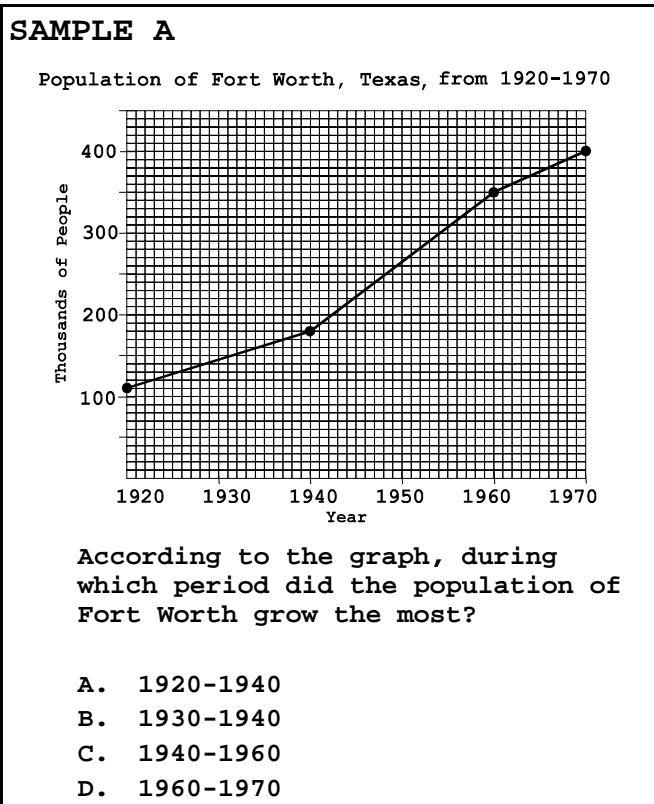
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STANFORD10 PRACTICE TEST IN MATHEMATICS - GRADE 6
FORM A

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



1. Use the order of operations to find the answer to the following:

$$6(8 + 4) + \frac{8}{2}$$

- A. 67
B. 72
C. 76
D. 82

2. Marsha finished $\frac{3}{8}$ of her homework problems. Which fraction is larger than $\frac{3}{8}$?

- A. $\frac{1}{6}$
B. $\frac{3}{4}$
C. $\frac{1}{4}$
D. $\frac{1}{10}$

3. Susan's summer job is to work in Mr. Jack's garden. She waters the plants every 6th day and pulls weeds every 8th day. How many days after she begins will she pull weeds and water plants?

- A. 24
B. 20
C. 14
D. 12

4. Carol got 27 out of 30 problems correct on her test. What decimal is equal to $\frac{27}{30}$?

- A. 0.27
B. 0.36
C. 0.90
D. 1.00

5. Katie has twice as many jacks as Lyn. Lyn has 6. Trey has 5 more than Lyn. Kyle has 3 less than Katie. Who has the most jacks?

- A. Lyn
B. Kyle
C. Trey
D. Katie

6. What is the value of the 3 in the following? 675.8432

- A. 3 thousandths
B. 3 tens
C. 3 tenths
D. 3 thousands

7. Lynwood Middle School has 765 students. About $\frac{1}{5}$ of them are in band. About how many students are in band?

- A. 100
B. 125
C. 150
D. 200