

*SKILLS LIST and SAMPLE TEST ITEMS*

*FOR*

**PRACTICE TEST FOR MATHEMATICS, GRADE 6**

*(Test items developed for skills measured in STANFORD10)*

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*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   |                                 |

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Number of questions: 80

Number of pages: 14

Approximate testing time: 80 minutes

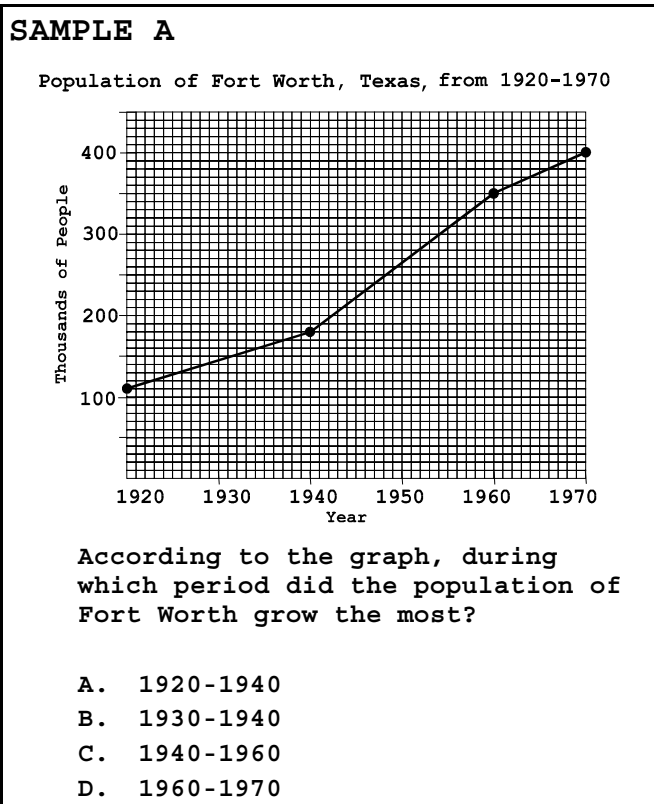
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**STANFORD10 PRACTICE TEST IN MATHEMATICS - GRADE 6  
FORM A**

**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 6<sup>th</sup> day and pulls weeds every 8<sup>th</sup> 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