

SKILLS LIST and SAMPLE TEST ITEMS

FOR

PRACTICE TEST FOR MATHEMATICS, GRADE 7- FORM B

(Test items developed for skills measured in Stanford9)*

Skills

- | | |
|--------------------------------------|-------------------------------|
| 1.0 Procedures | 5.0 Thinking Skills |
| 1.1 Multiply/Divide Whole Numbers | 5.1 Whole Numbers |
| 1.2 Operations with Rational Numbers | 5.2 Multiple Operations |
| 2.0 Computation in Context | 5.3 Decimals, Money, Percents |
| 2.1 Whole Numbers | 5.4 Fractions/Mixed Number |
| 2.2 Multiply Operations | 5.5 Measurement |
| 2.3 Decimals, Money, Percents | 5.6 Estimation |
| 2.4 Fractions/Mixed Numbers | 5.7 Problem Solving |
| 2.5 Rounding | 5.8 Patterns/Functions |
| 3.0 Problem Solving | 5.9 Statistics |
| 3.1 Measurement | 5.10 Probability |
| 3.2 Estimation | 5.11 Geometry |
| 3.3 Problem Solving | 5.12 Processes |
| 3.4 Numbers/Number Relationships | 5.13 Reasoning |
| 3.5 Number Systems/Theory | 5.14 Connections |
| 3.6 Patterns/Functions | 6.0 Using Information |
| 3.7 Algebra | 6.1 Patterns/Functions |
| 3.8 Statistics | 6.2 Statistics |
| 3.9 Probability | 6.3 Connections |
| 3.10 Geometry | |
| 4.0 Processes | |
| 4.1 Problem Solving | |
| 4.2 Reasoning | |
| 4.3 Communication | |
| 4.4 Connections | |

Number of questions: 80

Number of pages: 18

Approximate testing time: 80 minutes

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(OVER)

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Stanford9 PRACTICE TEST IN MATHEMATICS - GRADE 7 - FORM B

DIRECTIONS: Read each question and choose the correct answer. If the correct answer is not here, choose NH.

1. $714 \times 23 =$

- A. 16,422 B. 16,442 C. 16,402 D. 1642
-

2. $326 \times 135 =$

- A. 45,010 B. 44,100 C. 44,010 D. NH
-

3. $5693 \div 23 =$

- A. $237 \frac{11}{23}$ B. $237 \frac{12}{23}$ C. $247 \frac{11}{23}$ D. $247 \frac{12}{23}$
-

4. $5 \frac{2}{7} + 2 \frac{1}{7} =$

- A. $7 \frac{2}{7}$ B. $7 \frac{3}{7}$ C. $7 \frac{4}{7}$ D. $7 \frac{3}{14}$
-

5. $8 \frac{2}{3} - 3 \frac{1}{3} =$

- A. $5 \frac{1}{3}$ B. $5 \frac{2}{3}$ C. $11 \frac{1}{3}$ D. NH
-

6. $\frac{3}{4} \div \frac{1}{3} =$

- A. $2 \frac{1}{4}$ B. $9 \frac{1}{4}$ C. $\frac{1}{4}$ D. $\frac{1}{12}$
-

7. $0.7 \times 234.83 =$

- A. 164.381 B. 164.831 C. 163.481 D. 163.841
-

8. $4.2 \div 0.14 =$

- A. 0.03 B. 0.3 C. 3.0 D. 30.0