

SKILLS LIST and SAMPLE TEST ITEMS

FOR

PRACTICE TEST FOR MATHEMATICS, GRADE 7

(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: 21

Approximate testing time: 80 minutes

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(OVER)

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Stanford9 MATHEMATICS PRACTICE TEST - GRADE 7

Directions: Read each item in this test and choose the correct answer.
If a correct answer is not here, mark the choice for NH.

1.
$$\begin{array}{r} 354 \\ \times 43 \\ \hline \end{array}$$

- A. 15,222 B. 14,222 C. 12,522 D. 13,522
-

2.
$$\begin{array}{r} 604 \\ \times 229 \\ \hline \end{array}$$

- A. 38,316 B. 183,361 C. 138,316 D. NH
-

3. $0.4 \times 156.48 =$

- A. 62.592 B. 62,592 C. 625.92 D. 6.2592
-

4. $1.2 \overline{)0.48}$

- A. 0.2 B. 0.14 C. 0.04 D. 4
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5. The children's swimming pool holds 21.478 gallons of water. What is that amount rounded to the nearest hundredth?

- A. 21.0 B. 21.5 C. 21.48 D. 21.58
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