

SKILLS LIST and SAMPLE TEST ITEMS

FOR

PRACTICE TEST FOR MATHEMATICS, GRADE 10 - FORM B

(Test items developed for skills measured in Stanford9)*

Skills

- | | |
|--|-----------------------|
| 1.0 Problem Solving | 3.3 Statistics |
| 1.1 Conventional/Non-Routine Problem Solving | 3.4 Probability |
| 1.2 Algebra | 3.5 Tables/Graphs |
| 1.3 Statistics | 3.6 Geometry |
| 1.4 Probability | 3.7 Geometry/Algebra |
| 1.5 Tables/Graphs | 3.8 Trigonometry |
| 1.6 Geometry | 3.9 Reading Problems |
| 1.7 Geometry/Algebraic Representations | 3.10 Calculus |
| 1.8 Trigonometry | 3.11 Problem Solving |
| 1.9 Reading Problems | 3.12 Reasoning |
| 1.10 Calculus | 3.13 Communication |
| 2.0 Process | 3.14 Connections |
| 2.1 Problem Solving | 4.0 Using Information |
| 2.2 Reasoning | 4.1 Statistics |
| 2.3 Communication | 4.2 Trigonometry |
| 2.4 Connections | 4.3 Reasoning |
| 3.0 Thinking Skills | 4.4 Connections |
| 3.1 Conventional/Non-Routine Problem Solving | |
| 3.2 Algebra | |

Number of questions: 48

Number of pages: 14

Approximate testing time: 45 minutes

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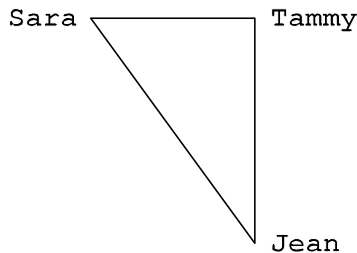
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*The Stanford9 is published by Harcourt Brace Educational Measurement which does not endorse or attest to the accuracy of this practice test.

Stanford9 PRACTICE TEST IN MATHEMATICS - GRADE 10 - FORM B

1. In the football game Friday night, the Warriors started on their 15 yard line. On the first play they gained 5 yards. Then they lost 2 and gained 5. What yard line were they on after 3 plays?

A. 21 B. 22 C. 23 D. 24



2. Sara lives 30 miles west of Tammy and Jean lives 40 south of Tammy. How many miles southeast of Sarah does Jean live?

A. 50 B. 60 C. 70 D. 80

3. In a sampling of 50 students from Central High, 12 were on the honor roll. Out of 325, how many would you expect to be on the honor roll?

A. 68 B. 78 C. 88 D. 98

4. Each yellow brick weighs 2 pounds less than the brown brick. If 7 brown bricks weigh 35 pounds, how much does one yellow brick weigh?

A. 1 pound B. 2 pounds C. 3 pounds D. 4 pounds

5. Larry paid \$10.00 to rent a jet ski plus \$2.00 an hour. He and a friend split the cost of using the jet ski for 6 hours. How much was Larry's cost?

A. \$10.00 B. \$11.00 C. \$12.00 D. \$13.00
