



**south dakota**  
**STATE LIBRARY**  
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## South Dakota Libraries' Guide to...

# Learning Express Library

### Learning Express Library Practice Tests Include:

- GED (Science, Math, English)
- College Entrance Exams (ACT, SAT, GRE, CLEP)
- Military Entrance Exam (ASVAB)
- Advanced Placement Subject Tests
- Elementary, Middle and High School Skills Improvement Tests (English, Math, History)
- Firefighter, Law Enforcement, and Emergency Medical Services Tests
- Teacher, Nursing, Allied Health, Commercial Drivers License (CDL), Real Estate Certification Tests and more
- Job & Career Skills (Resume writing, interview skills etc.)

Learning Express Library provides online practice tests and tutorials designed to help library patrons, students, and adult learners prepare for academic or licensing tests that they must take. It provides immediate test scoring, explanations of the answers to all questions, and the opportunity to take the tests and tutorials multiple times.

Registration is free, anonymous, and must be completed to practice any test.

### To Access Learning Express Library:

- Go to SD State Library website (<http://library.sd.gov>)
- Click *Online Resources: Complete Listing*
- Click *Learning Express Library*
- Enter your Library Barcode and Password
- Sign in to *Learning Express Library*

### Score Report

#### HS Math Skills Diagnostic: Geometry

**Total Score: 23%**

Congratulations! By completing this test, you have taken an important step toward improving your math skills. Your score report shows that you have scored in each of the specific skills tested. For ways to improve your score, please see our personalized study recommendations below.

HS Math Skills Diagnostic: Geometry					
	QUESTIONS	CORRECT	INCORRECT	SKIPPED	SCORE
	#	#	#	#	%
<b>Geometry</b>	<b>21</b>	<b>5</b>	<b>4</b>	<b>12</b>	<b>23%</b>
Classification of Angle Pairs	2	0	0	2	0%
Congruency and Similarity Concepts	2	1	1	0	50%
Formal and Informal Geometric Proofs	1	0	0	1	0%
Properties and Equation of a Circle	2	0	0	2	0%
Properties of Parallel Lines	2	2	0	0	100%
Properties of Quadrilaterals	2	0	1	1	0%
Properties of Triangles	2	0	0	2	0%
Ratio and Proportion in Geometry	2	1	1	0	50%
Recognize and Apply Transformations	2	1	1	0	50%
Using Concepts of Locus Points	2	0	0	2	0%
Using Coordinate Geometry	2	0	0	2	0%
Total Score for Multiple-Choice Questions:					23%

[Return To MyAccount](#)

[View Answers](#)

Test scores are given in numerical and percentage measurements

Tests can be stopped and started as needed

Tests can be scored at any time

Test scores are analyzed by question topic

Instructions are provided for each test

Test questions are multiple choice

learnatest.com HS Math Skills Diagnostic: Geometry

[Instructions](#) [Questions](#) [Finish Later](#) [Score My Test](#)

1. In the diagram below, line  $AB$  is parallel to line  $CD$ . Transversal  $MN$  intersects  $AB$  and  $CD$  at  $P$  and  $Q$  respectively. If  $m\angle APQ = 2x + 20$  and  $m\angle PQC = 3x - 10$ , what is  $m\angle DQN$ ?

A. 34  
 B. 92  
 C. 88  
 D. 146  
 Skip this question for now.

2. Main Street and John Street are parallel in the diagram below. Jackson Street intersects both streets and forms a  $48^\circ$  angle with Main Street as shown in the figure. What is the measure of  $\angle y$ ?

Sample test questions



Provided by the South Dakota State Library and Institute of Museum and Library Services.

If you have any questions about using this database, contact a South Dakota Librarian.