

Quantile Textbook Report



Geometry

Publisher Pearson

Copyright 2011

ISBN 0133726053

ISBN13 9780133726053

Author Charles, Randall I., et al

StateEdition West Virginia

Grade Geometry

1 Tools of Geometry

1.1	Nets and Drawings for Visualizing Geometry	1000Q
1.2	Points, Lines, and Planes	680Q
1.3	Measuring Segments	1200Q
1.4	Measuring Angles	1200Q
1.5	Exploring Angle Pairs	1200Q
1.6	Basic Constructions	NMQ
1.7	Midpoint and Distance in the Coordinate Plane	900Q
1.8	Perimeter, Circumference, and Area	1040Q

2 Reasoning and Proof

2.1	Patterns and Inductive Reasoning	910Q
2.2	Conditional Statements	1100Q
2.3	Biconditionals and Definitions	1100Q
2.4	Deductive Reasoning	NMQ
2.5	Reasoning in Algebra and Geometry	NMQ
2.6	Proving Angles Congruent	1160Q

Friday, December 04, 2009

Page 1 of 5

Geometry

Publisher Pearson

Copyright 2011

ISBN 0133726053

ISBN13 9780133726053

3 Parallel and Perpendicular Lines

3.1	Lines and Angles	1010Q
3.2	Properties of Parallel Lines	1040Q
3.3	Proving Lines Parallel	1250Q
3.4	Parallel and Perpendicular Lines	1250Q
3.5	Parallel Lines and Triangles	1220Q
3.6	Constructing Parallel and Parallel Lines	NMQ
3.7	Equations of Lines in the Coordinate Plane	1140Q
3.8	Slopes of Parallel and Perpendicular Lines	1200Q

4 Congruent Triangles

4.1	Congruent Figures	1190Q
4.2	Triangle Congruence by SSS and SAS	1190Q
4.3	Triangle Congruence by ASA and AAS	1190Q
4.4	Using Corresponding Parts of Congruent Triangles	1190Q
4.5	Isosceles and Equilateral Triangles	1170Q
4.6	Congruence in Right Triangles	1190Q
4.7	Congruence in Overlapping Triangles	1190Q

Geometry

Publisher Pearson

Copyright 2011

ISBN 0133726053

ISBN13 9780133726053

5 Relationships Within Triangles

5.1	Midsegments of Triangles	1280Q
5.2	Perpendicular and Angle Bisectors	1070Q
5.3	Bisectors in Triangles	1240Q
5.4	Medians and Altitudes	1070Q
5.5	Indirect Proof	NMQ
5.6	Inequalities in One Triangles	1050Q
5.7	Inequalities in Two Triangles	1050Q

6 Polygons and Quadrilaterals

6.1	The Polygon-Angle Sum Theorems	1220Q
6.2	Properties of Parallelograms	1250Q
6.3	Proving That a Quadrilateral Is a Parallelogram	1120Q
6.4	Properties of Rhombuses, Rectangles, and Squares	1120Q
6.5	Conditions for Rhombuses, Rectangles, and Squares	1120Q
6.6	Trapezoids and Kites	1120Q
6.7	Polygons in the Coordinate Plane	1240Q
6.8	Applying Coordinate Geometry	1120Q
6.9	Proofs Using Coordinate Geometry	1240Q

7 Similarity

7.1	Ratios and Proportions	950Q
7.2	Similar Polygons	1040Q
7.3	Proving Triangles Similar	1170Q
7.4	Similarity in Right Triangles	1210Q
7.5	Proportions in Triangles	1280Q

Friday, December 04, 2009

Page 3 of 5

Geometry

Publisher Pearson

Copyright 2011

ISBN 0133726053

ISBN13 9780133726053

8 Right Triangles and Trigonometry

8.1	The Pythagorean Theorem and Its Converse	1050Q
8.2	Special Right Triangles	1150Q
8.3	Trigonometry	1150Q
8.4	Angles of Elevation and Depression	1150Q
8.5	Vectors	1400Q

9 Transformations

9.1	Translations	1120Q
9.2	Reflections	1120Q
9.3	Rotations	1120Q
9.4	Symmetry	1120Q
9.5	Dilations	1120Q
9.6	Compositions of Reflections	1120Q
9.7	Tessellations	NMQ

10 Area

10.1	Areas of Parallelograms and Triangles	1040Q
10.2	Areas of Trapezoids, Rhombuses, and Kites	1280Q
10.3	Areas of Regular Polygons	1280Q
10.4	Perimeters and Areas of Similar Figures	1230Q
10.5	Trigonometry and Area	1360Q
10.6	Circles and Arcs	1360Q
10.7	Areas of Circles and Sectors	1150Q
10.8	Geometric Probability	1230Q

Geometry

Publisher Pearson

Copyright 2011

ISBN 0133726053

ISBN13 9780133726053

11 Surface Area and Volume

11.1	Space Figures and Cross Sections	880Q
11.2	Surface Areas of Prisms and Cylinders	1220Q
11.3	Surface Areas of Pyramids and Cones	1360Q
11.4	Volumes of Prisms and Cylinders	1360Q
11.5	Volumes of Pyramids and Cones	1360Q
11.6	Surface Areas and Volumes of Spheres	1220Q
11.7	Areas and Volumes of Similar Solids	1230Q

12 Circles

12.1	Tangent Lines	1210Q
12.2	Chords and Arcs	1250Q
12.3	Inscribed Angles	1140Q
12.4	Angle Measures and Segment Lengths	1230Q
12.5	Circles in the Coordinate Plane	1200Q
12.6	Locus: A Set of Points	NMQ