

GEOMETRY Assignments

Chapters 7-12 — Spring 2023

| TOPIC | ASSIGNMENT |
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| Similar Polygons | 8.1: PA: All, PB: All, PT: All, EP: none |
| Proving Triangle Similarity by AA | 8.2: PA: All except 8, PB: All except 9, 10, PT: All, EP: none |
| Proving Triangle Similarity by SSS and SAS | 8.3: PA: All except 13, PB: All except 8, 9, on 7 the similarity statement should be $\triangle DEF \sim \triangle HGF$, PT: All, EP: none |
| Test Review | 8-R Worksheet |
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| The Pythagorean Theorem | 9.1: PA: All, PB: All, PT: All, EP: none |
| Special Right Triangles | 9.2: PA: All, PB: All, note that on 7 the “4” is referring to the height of the tent door, PT: All, EP: none |
| Similar Right Triangles | 9.3: PA: All, PB: All except 2, 10, PT: All, EP: none |
| Quiz Review | Q-R Worksheet |
| The Tangent Ratio | 9.4: PA: All, PB: All, PT: All, EP: none |
| The Sine and Cosine Ratios | 9.5: PA: All, PB: All, PT: All except 2 (answer is cosine or letter N) and 3 (answer is complement or I), EP: none |
| Solving Right Triangles | 9.6: PA: All, PB: All, PT: All, EP: none |
| Test Review | 9-R Worksheet |
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| Lines and Segments That Intercept Circles | 10.1: PA: All except 12, PB: All except 13, PT: All except 13 (solution is 3 or I), EP: none |
| Finding Arc Measures | 10.2: PA: All, PB: All, PT: All, EP: none |
| Using Chords | 10.3: PA: All, PB: All except 11, 12, PT: All, EP: none |
| Quiz Review | 10-Q: Worksheet |
| Inscribed Angles and Polygons | 10.4: PA: All, PB: All except 12, 13, PT: All, EP: none |
| Circles in the Coordinate Plane | 10.7: PA: All except 10-12, PB: All except 13-14, PT: All except 8 (answer is (0,3) or letter O), EP: none |
| Test Review | 10-R Worksheet |
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| Area of Parallelograms, triangles, and trapezoids | 11.0: 11.0a SG: all, 11.0a SP: all, 11.0b SG: all |
| Circumference and Arc Length | 11.1: PA: All except 11, 12, PB: All except 13, PT: All except H $\frac{2\pi}{9}$ (answer is $\frac{2\pi}{9}$) and I (answer is 67.5 degrees), EP: none |
| Areas of Circles and Sectors | 11.2: PA: All, PB: All except 16: All, PT: All, EP: none |
| Areas of Polygons | 11.3: PA: All, PB: All, PT: All, EP: none |
| Chapter 11 Part I Test Review | 11-I :R Worksheet |

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| Classifying Three-Dimensional Figures | 11.4a: Class Worksheet |
| Surface Area of Prisms and Cylinders | 11.4b: SG: all, SGC: all, SP: all |
| Surface Area of Pyramids and Cones | 11.4c: SG: all, SGC: all, SP: all |
| Volumes of Prisms and Cylinders | 11.5: PA: All, PB: All, PT: All except 2 (answer is Cavalieri's), 3 (answer is density), and 10 (answer is 6), EP: none |
| Volumes of Pyramids | 11.6: PA: All, PB: All, PT: All, EP: none |
| Surface Areas and Volumes of Cones | 11.7: PA: All except 9, 10, PB: All except 9, 10, PT: All, EP: none |
| Surface Areas and Volumes of Spheres | 11.8: PA: All except 13-15, PB: All except 13-14, PT: All, EP: none |
| Chapter 11 Part II Test Review | 11-II: R Worksheet |
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| Sample Spaces and Probability | 12.1: PA: All, PB: All, PT: All, EP: none |
| Independent and Dependent Events | 12.2: PA: All, PB: All, PT: All, EP: none |
| Two-Way Frequency Tables and Probability | 12.3: PA: All, PB: All, PT: All, EP: none |
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| Final Review | FR-R Final Review Worksheets |