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# Introduction

*Math Mammoth Geometry Worksheet Collection* contains geometry-related worksheets for grades 5-8. These worksheets have been pulled out from Math Mammoth Grade 5, 6, and 7 Worksheets Collections, plus two worksheets related to Pythagorean theorem come from the Math Mammoth Algebra 1 collection.

The grade-level collections were originally created for and in collaboration with SpiderSmart, Inc. tutoring company. I have written these worksheets with teachers' needs in mind: each one is exactly one page, concentrating on one topic (with the exception of some "review" worksheets); therefore is easy to assign for students.

In this collection, the worksheets are not organized by grade but by topic.

The first section is deals with angles, and covers topics such as measuring angles and finding angle measures by deducing from the given angles.

The second section has to do with triangles. Many of the sheets contain drawing problems related to triangles.

Next come worksheets about quadrilaterals, other polygons, and circles. Again you will find lots of drawing problems within these.

The section on congruency and similarity advances from easy worksheets to ones with calculations, which you can use on 7th grade.

The next section contains worksheets about geometric constructions

The section on area is by far the largest section. Again there are worksheets of varying difficulty level, including worksheets for the area of various figures, area versus perimeter problems, word problems, surface area, and area of similar figures.

Then come volume-related worksheets, and lastly worksheets about the Pythagorean Theorem.

*I wish you success with math teaching!*

*Maria Miller, the author*