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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 that are from the Math Mammoth Algebra 1 collection.

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 it is easy to assign for students.

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

The first section 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 levels, including worksheets for the area of various figures, area versus perimeter problems, word problems, surface area, and the area of similar figures.

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

*I wish you success with math teaching!*

*Maria Miller, the author*