

Achieve ADP Algebra II End-of-Course Exam Content Standards with Comments & Examples

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ADP Algebra II End-of-Course Exam Expectations of Geometry Knowledge

The following topics are mathematical concepts with which students entering an Algebra II curriculum should be familiar from prior mathematics courses. The high school curriculum or course sequence that a student might follow that leads them to this exam varies by state, district, and sometimes even school. Some curriculum sequences include an integrated series or geometry before or after Algebra II. Regardless of the course sequence followed, the mathematical concepts below are typically considered middle school concepts and taught before the Algebra II, or its equivalent, course(s).

Prior geometry knowledge/topics where formulas would not necessarily be provided:

Sum of the interior angles of a triangle equals 180°
Perimeter of polygons
Area of rectangles
Area of triangles (not requiring trigonometry)
Area and circumference of circles
Surface area of right prisms with rectangular or triangular bases
Volume of rectangular prisms
Pythagorean Theorem
Similar figures

Use of π :

When specified that an exact answer is required, answers should be expressed in terms of π . If not specified, answers may be expressed in terms of π , or 3.14 or $22/7$ may be used as an approximation for π .