

Constructions

- Construction 1** Given a segment, construct a segment congruent to the given segment. (p. 375)
- Construction 2** Given an angle, construct an angle congruent to the given angle. (p. 376)
- Construction 3** Given an angle, construct the bisector of the angle. (p. 376)
- Construction 4** Given a segment, construct the perpendicular bisector of the segment. (p. 380)
- Construction 5** Given a point on a line, construct the perpendicular to the line at the given point. (p. 381)
- Construction 6** Given a point outside a line, construct the perpendicular to the line from the given point. (p. 381)
- Construction 7** Given a point outside a line, construct the parallel to the given line through the given point. (p. 382)
- Construction 8** Given a point on a circle, construct the tangent to the circle at the given point. (p. 392)
- Construction 9** Given a point outside a circle, construct a tangent to the circle from the given point. (p. 393)
- Construction 10** Given a triangle, circumscribe a circle about the triangle. (p. 393)
- Construction 11** Given a triangle, inscribe a circle in the triangle. (p. 394)
- Construction 12** Given a segment, divide the segment into a given number of congruent parts. (p. 396)
- Construction 13** Given three segments, construct a fourth segment so that the four segments are in proportion. (p. 397)
- Construction 14** Given two segments, construct their geometric mean. (p. 397)