

Website for Construction examples.

<http://www.mathopenref.com/tocs/constructionstoc.html>

Geometric constructions with compass and straightedge

1. Copying a segment
 - a. <http://www.mathopenref.com/constcopysegment.html>
2. Copying an angle
 - a. <http://www.mathopenref.com/constcopyangle.html>
3. Bisecting a segment
 - a. <http://www.mathopenref.com/constdividesegment.html>
4. Bisecting an angle
 - a. <http://www.mathopenref.com/constbisectangle.html>
5. Constructing perpendicular lines
 - a. <http://www.mathopenref.com/constperplinepoint.html>
6. Perpendicular bisector of a line segment
 - a. <http://www.mathopenref.com/constbisectline.html>
7. Constructing a line parallel to a given line through a point not on the line
 - a. <http://www.mathopenref.com/constparallel.html>
8. Construct an equilateral triangle inscribed in a circle
 - a. <http://www.mathopenref.com/constequilateral.html>
9. Construct a square inscribed in a circle
 - a. <http://www.mathopenref.com/constinsquare.html>
10. Construct a regular hexagon inscribed in a circle
 - a. <http://www.mathopenref.com/constinhexagon.html>

BONUS CONSTRUCTIONS

11. Construct a pentagon inscribed in a circle
 - a. <http://www.mathopenref.com/constinpentagon.html>
12. Construct a circumcircle of a Triangle
 - a. <http://www.mathopenref.com/constcircumcenter.html>
13. Construct an orthocenter of a Triangle
 - a. <http://www.mathopenref.com/constorthocenter.html>
14. Construct a circle through three points
 - a. <http://www.mathopenref.com/const3pointcircle.html>
15. Construct a perpendicular line to a ray at its endpoint
 - a. <http://www.mathopenref.com/constperpendray.html>