

GEOMETRIC CONSTRUCTIONS AND INTERSECTING CIRCLES

Many geometric constructions depend heavily upon knowing that two circles have a point in common. Here are two examples.

(1) An animated construction of an angle bisector:

<http://www.mathsisfun.com/geometry/construct-anglebisect.html>

(2) An animated construction of a triangle given the lengths of the three sides which satisfy the Classical Triangle Inequality:

<http://www.mathsisfun.com/geometry/construct-ruler-compass-1.html>