

B2.2: Dilations in the Coordinate Plane 2

Have participants work with the following three web sites to explore further the effect of dilating triangles, quadrilaterals, and pentagons in the coordinate system. Groups could be assigned to construct a poster for one of the shapes, including figures and the associated measurements for their figures. Be sure that they do at least one fractional scale factor and one negative scale factor.

<http://www.quadrivium.info/GGB/SimTri.html>

<http://www.quadrivium.info/GGB/SimQuad.html>

<http://www.quadrivium.info/GGB/SimPenta.html>