

1-1 Nets and Drawings for Visualizing Geometry

DISCLAIMER: These resources are not created or maintained by GeometryCoach.com. Links should always be verified before students are allowed to freely click on them.

Video Lesson	https://youtu.be/HXK3ALZKCV8 <i>This video will show you how to make simple isometric, orthographic, and foundational drawings in 3-D.</i> An isometric drawing is a way of representing a 3-D figure from a corner view showing 3 sides with the angles between the 3 axes equal. An orthographic drawing is a way of showing a 3-D object in 2-D by showing a front, top, & right side view of the object. A foundational drawing shows the base of each figure & the height of each part with a number.
Video Lesson	https://www.youtube.com/playlist?list=PLnlkFmW0ticPuWYGxtBgszq8Q22P0MG02 This video will show you how to utilize net drawings to represent 3-D figures.
Illuminations Interactive Online Activity	http://illuminations.nctm.org/Activity.aspx?id=3521
Khan Academy Quiz	https://www.khanacademy.org/math/cc-sixth-grade-math/cc-6th-geometry-topic/cc-6th-surface-area/e/surface-area
YouTube Lesson	https://www.khanacademy.org/math/cc-sixth-grade-math/cc-6th-geometry-topic/cc-6th-surface-area/v/nets-of-polyhedra