

## 1-1 Nets and Drawings for Visualizing Geometry

**DISCLAIMER:** These resources are not created or maintained by [GeometryCoach.com](http://GeometryCoach.com). Links should always be verified before students are allowed to freely click on them.

<p><b>Video Lesson</b></p>	<p><a href="https://youtu.be/HXK3ALZKCV8">https://youtu.be/HXK3ALZKCV8</a></p> <p><i>This video will show you how to make simple isometric, orthographic, and foundational drawings in 3-D.</i></p> <p>An <b>isometric drawing</b> is a way of representing a 3-D figure from a corner view showing 3 sides with the angles between the 3 axes equal.</p> <p>An <b>orthographic drawing</b> is a way of showing a 3-D object in 2-D by showing a front, top, &amp; right side view of the object.</p> <p>A <b>foundational drawing</b> shows the base of each figure &amp; the height of each part with a number.</p>
<p><b>Video Lesson</b></p>	<p><a href="https://www.youtube.com/playlist?list=PLnlKFmW0ticPuWYGxtBgszq8Q22P0MG02">https://www.youtube.com/playlist?list=PLnlKFmW0ticPuWYGxtBgszq8Q22P0MG02</a></p> <p>This video will show you how to utilize net drawings to represent 3-D figures.</p>
<p><b>Illustrations Interactive Online Activity</b></p>	<p><a href="http://illuminations.nctm.org/Activity.aspx?id=3521">http://illuminations.nctm.org/Activity.aspx?id=3521</a></p> <p>Students can create and manipulate and print of common nets. GREAT SOFTWARE!!</p>
<p><b>Khan Academy Quiz</b></p>	<p><a href="https://www.khanacademy.org/math/cc-sixth-grade-math/cc-6th-geometry-topic/cc-6th-surface-area/e/surface-area">https://www.khanacademy.org/math/cc-sixth-grade-math/cc-6th-geometry-topic/cc-6th-surface-area/e/surface-area</a></p>
<p><b>YouTube Lesson</b></p>	<p><a href="https://www.khanacademy.org/math/cc-sixth-grade-math/cc-6th-geometry-topic/cc-6th-surface-area/v/nets-of-polyhedra">https://www.khanacademy.org/math/cc-sixth-grade-math/cc-6th-geometry-topic/cc-6th-surface-area/v/nets-of-polyhedra</a></p>

