

A note from the author:

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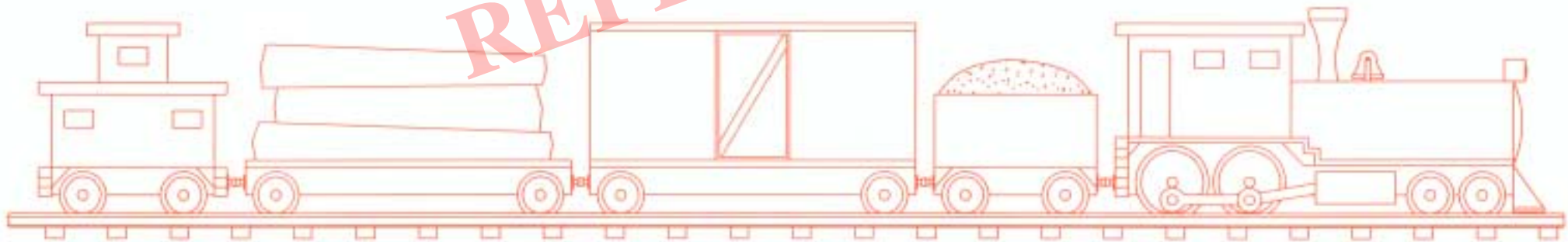
COMPLETE-A-SKETCH™

VOLUME 1 - ORTHOGRAPHIC

an introduction to technical art

- TEACHES BY EXAMPLE
- TEACHES ATTENTION TO DETAIL
- PROVIDES BASIS FOR ALL TYPES OF PRECISION DRAWINGS
- PROMOTES SELF DIRECTED LEARNING
- EXPLORES FREE HAND AND MECHANICAL SKETCHING
- HONES FINE MOTOR SKILLS

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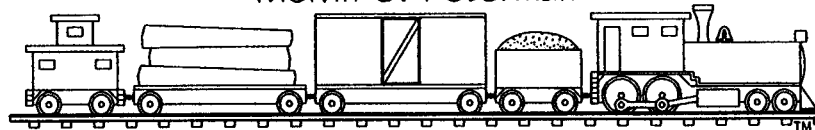
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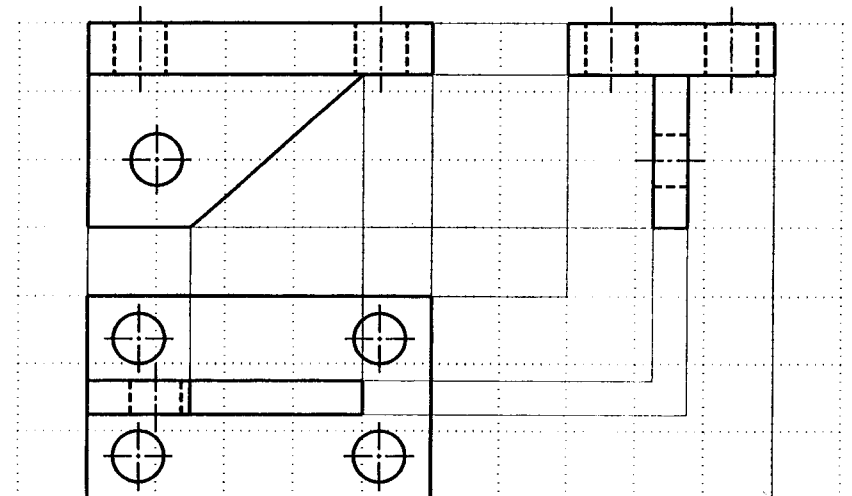
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A brief explanation of orthographic projections:

Orthographic projections are a two-dimensional representation of an object. These drawings are the most common engineering drawing. Orthographic drawings clearly show the faces of an object. These drawings can be easily dimensioned so parts and other items can be made or built. The typical orthographic drawing shows three views of the object to be described. The faces drawn reflect the faces that fully describe the part. The drawing is not limited to three views. There can be up to six views with auxiliary views to show all faces clearly.

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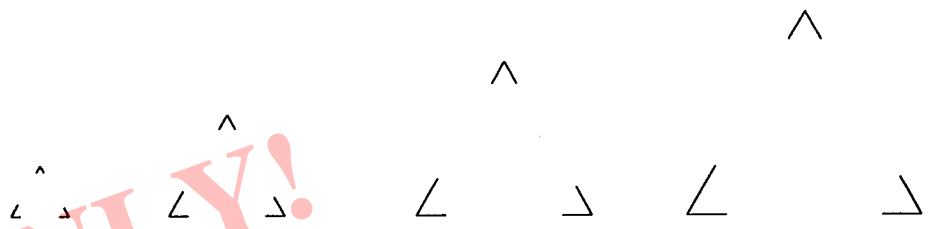




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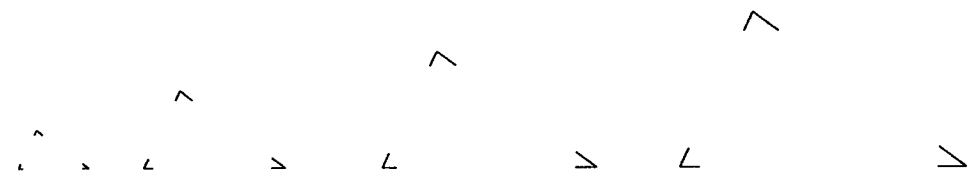
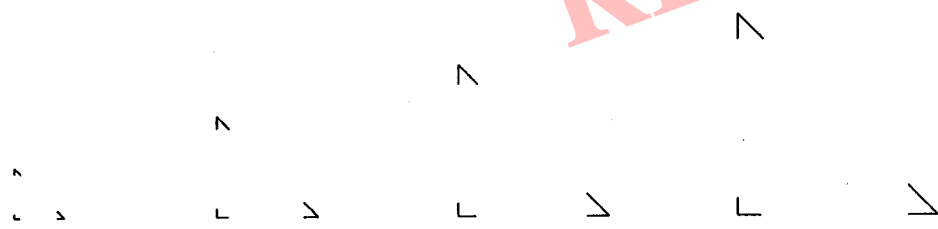
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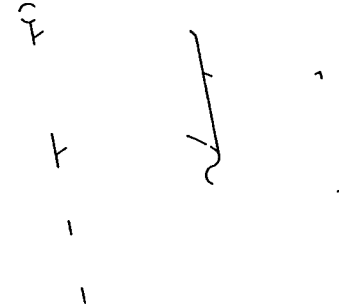
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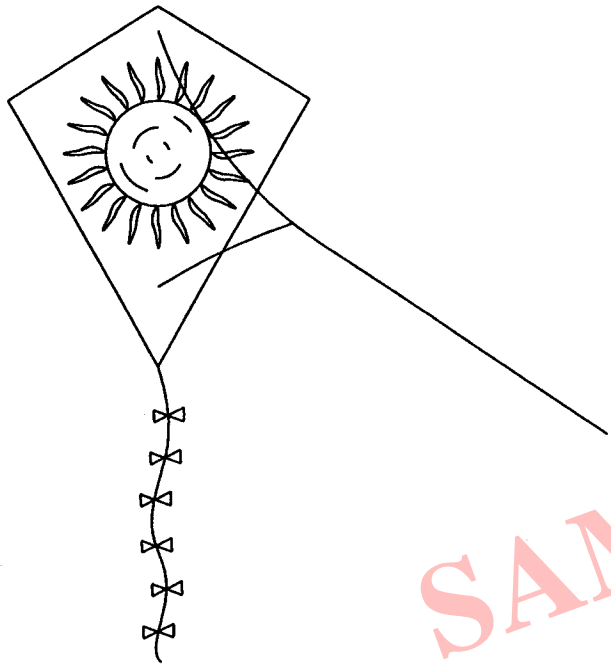
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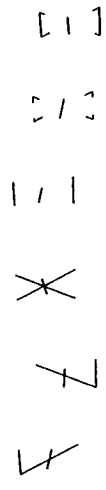
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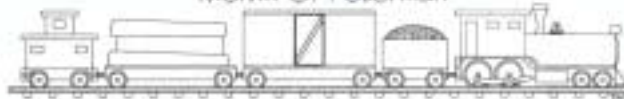
VOLUME 2 - ISOMETRIC

an introduction to technical art

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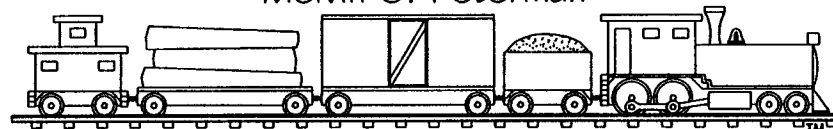
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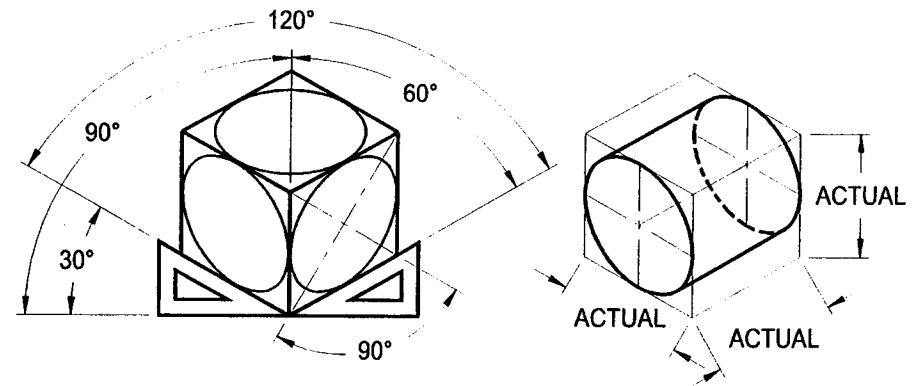
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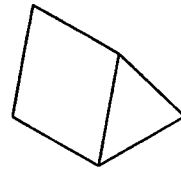
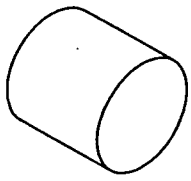
A brief explanation of isometric projections:

Isometric projections are a useful method for showing multiple views of an object to clearly represent even the most complex objects accurately. Isometric projections are used everyday as a method of communicating in sketches, technical drawings, and presentations. Isometric projection is defined as "a projection in which all three faces are equally inclined to the drawing surface so that all the edges are equally foreshortened."

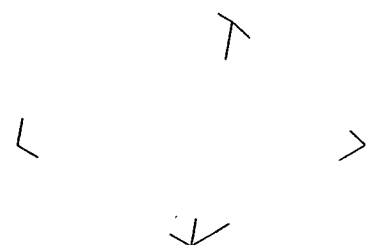
The small drawings shown here graphically show the basics of isometric projections. The most important thing to remember at this point is simply to relax, sketch, and have fun!



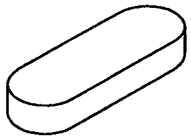
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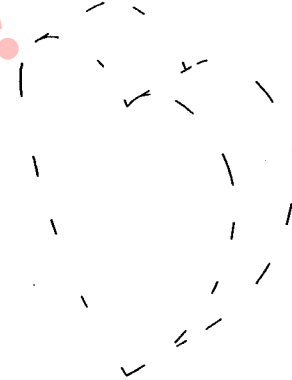
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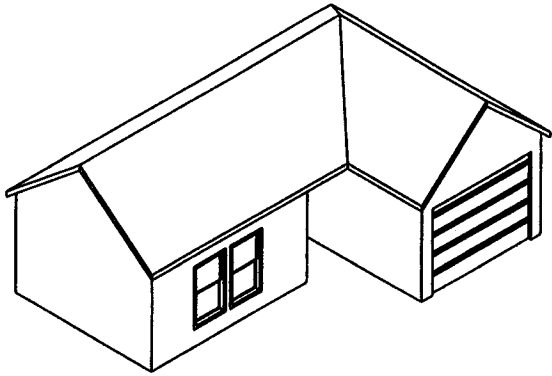
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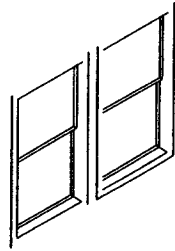
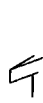
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VOLUME 3 - PERSPECTIVE

an introduction to technical art

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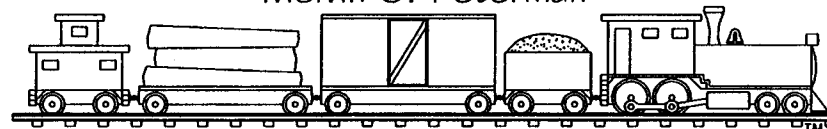
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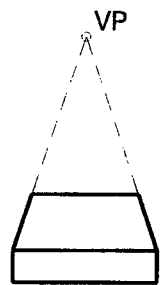
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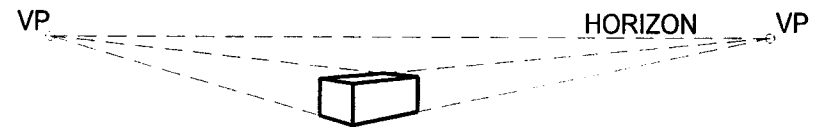
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A brief explanation of perspectives:

There are many types of perspectives. Perspectives are a useful method for showing depth and detail, similar to the way eyes see. Perspectives are used in all types of presentations; the most common use is in the field of architecture to show a depiction of a home or a building. For further study, see any encyclopedia or general drafting book. The small drawings shown here graphically show the basics of perspective drawings. The most important thing to remember at this point is simply to relax, sketch, and have fun!

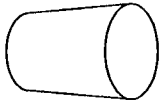


ONE POINT
PERSPECTIVE



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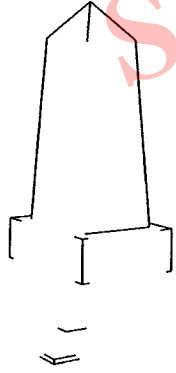
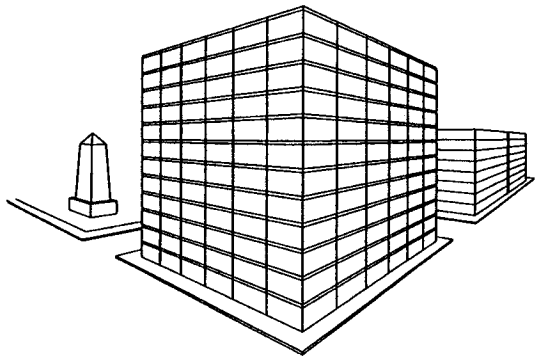
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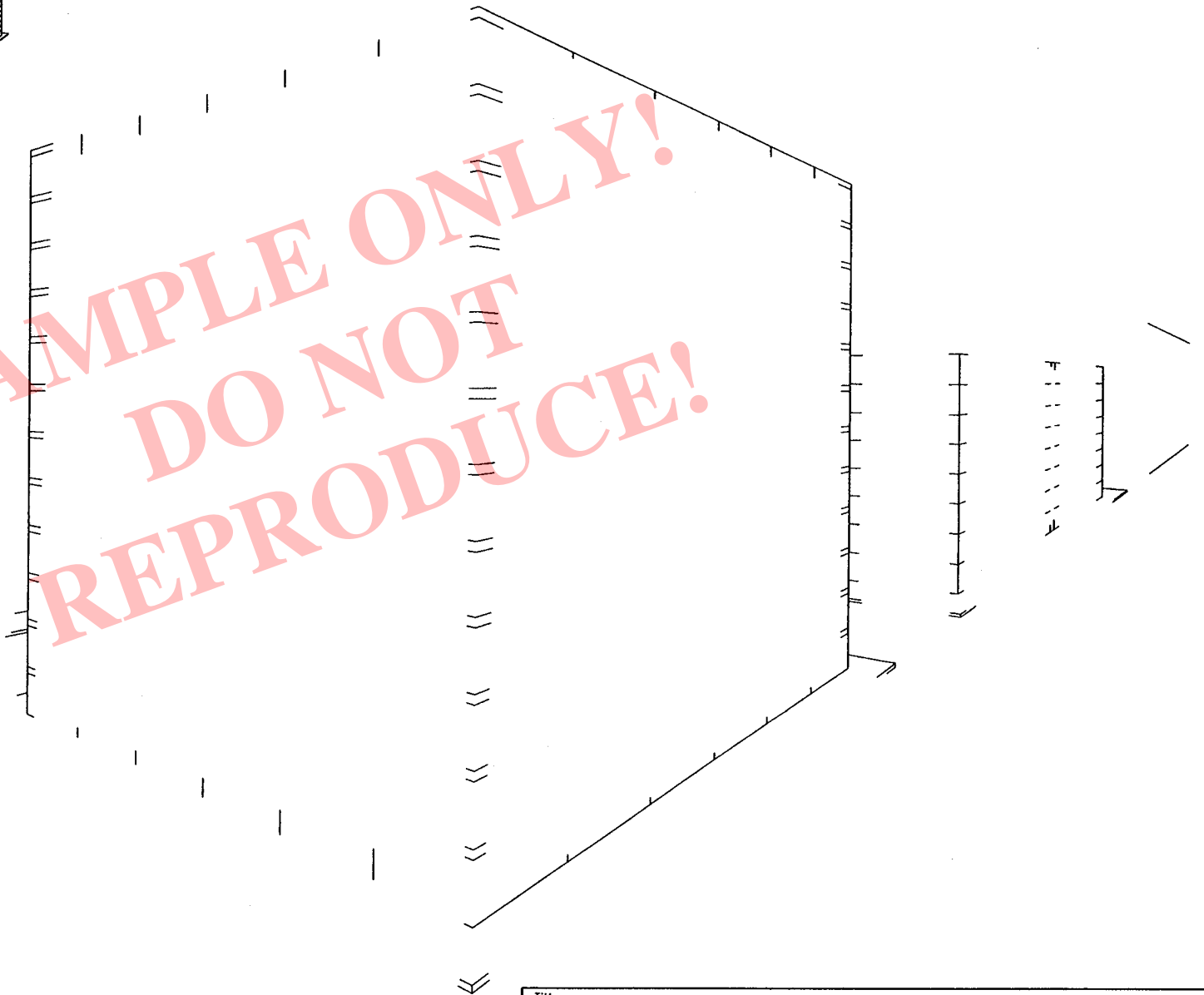
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