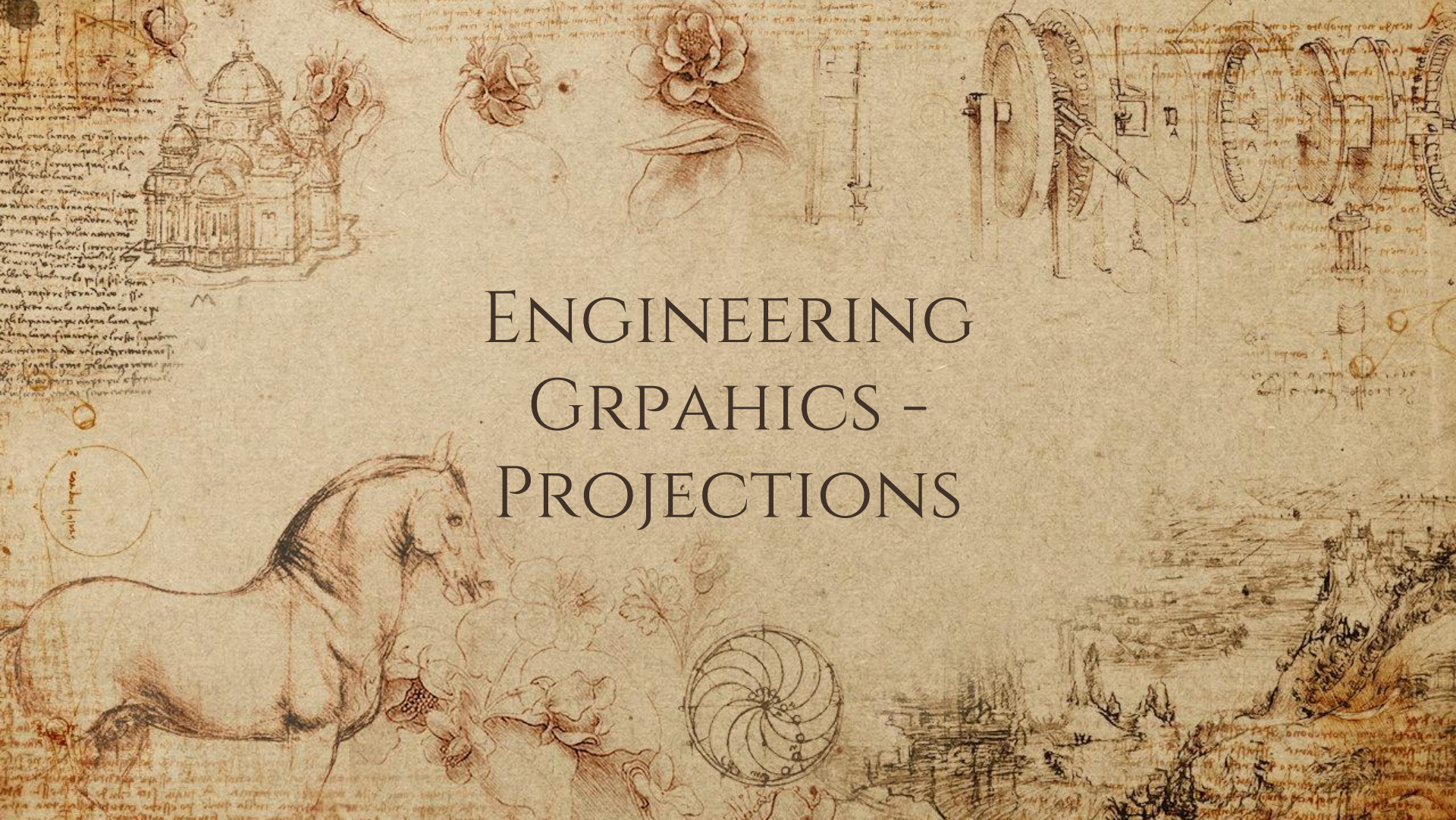


ENGINEERING GRAPHICS - PROJECTIONS



MATTER OF PERSPECTIVE

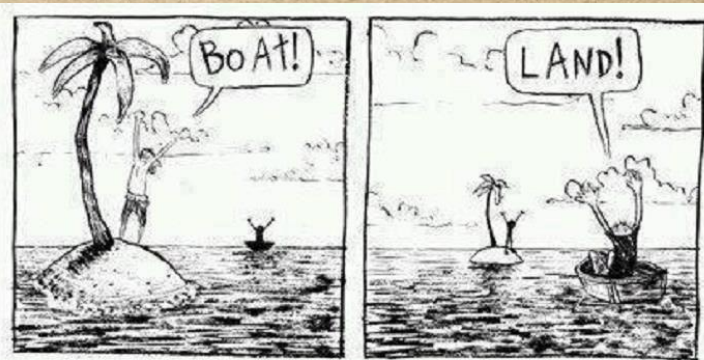
The severity of your problems
is a matter of perspective.
Change your perspective and
most of them become
insignificant. Some of them will
no longer exist as problems -
but opportunities instead.

Ernie J Zelinski

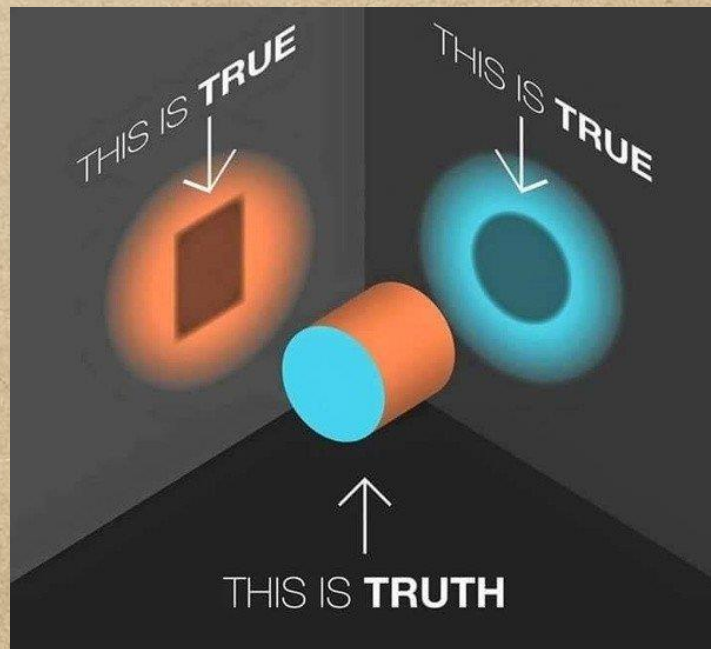
PICTUREQUOTES.COM

PICTUREQUOTES

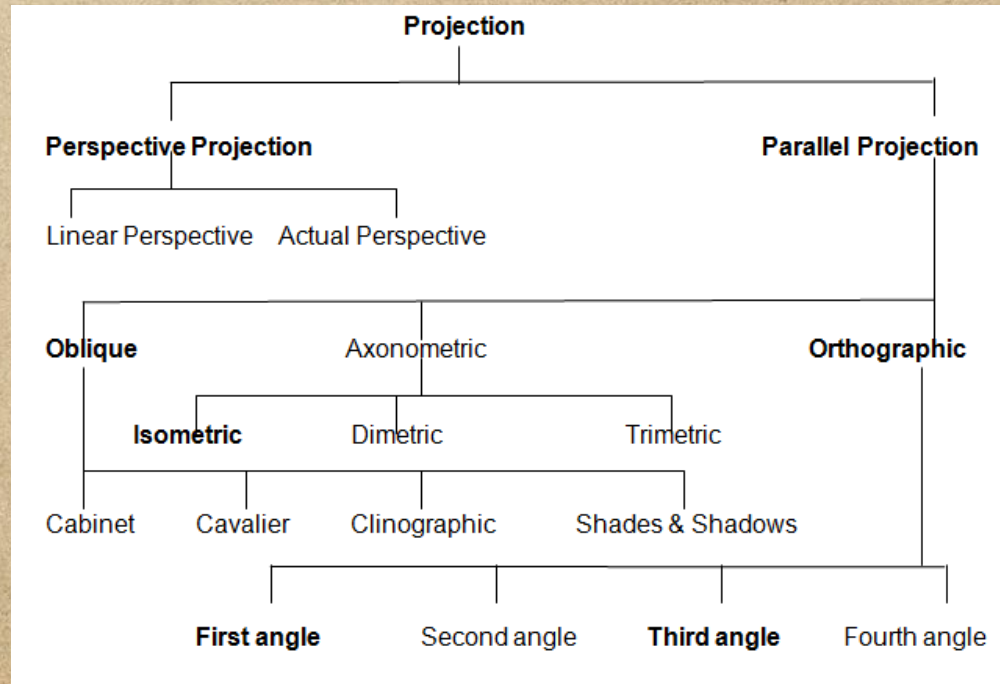
MEANS?



Perspective...

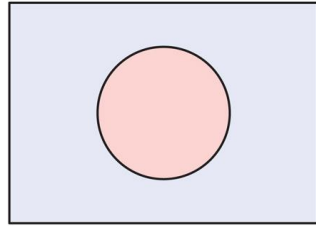


TYPES OF PROJECTIONS

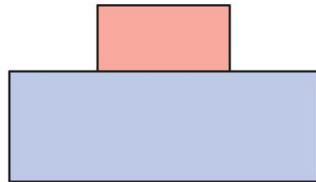


ORTHOGRAPHIC PROJECTIONS

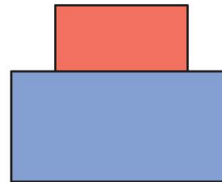
Orthographic and isometric projections of an object



top view

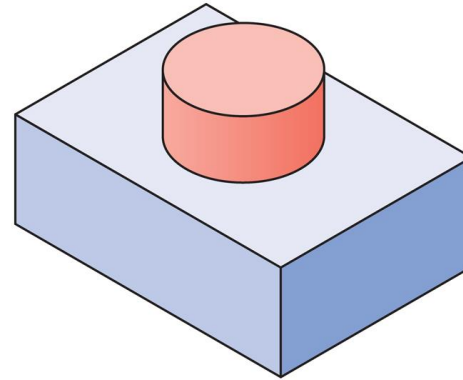


front view



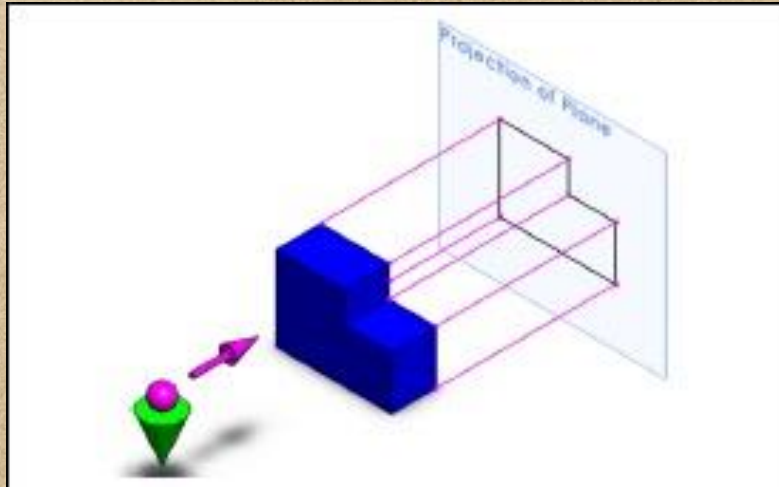
side view

2-dimensional orthographic projection

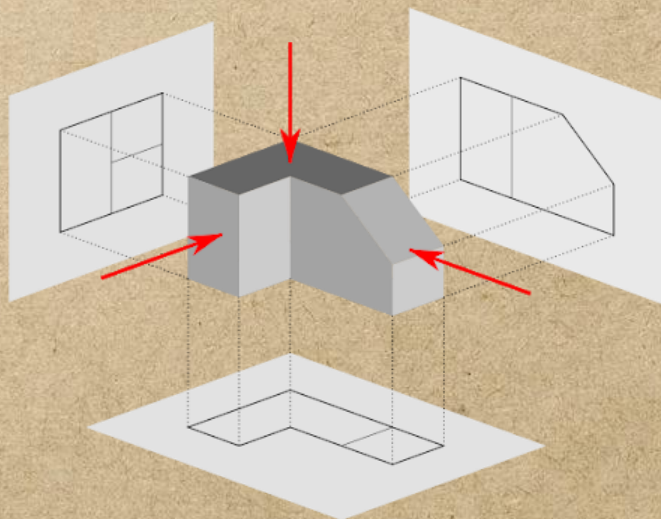


3-dimensional isometric projection

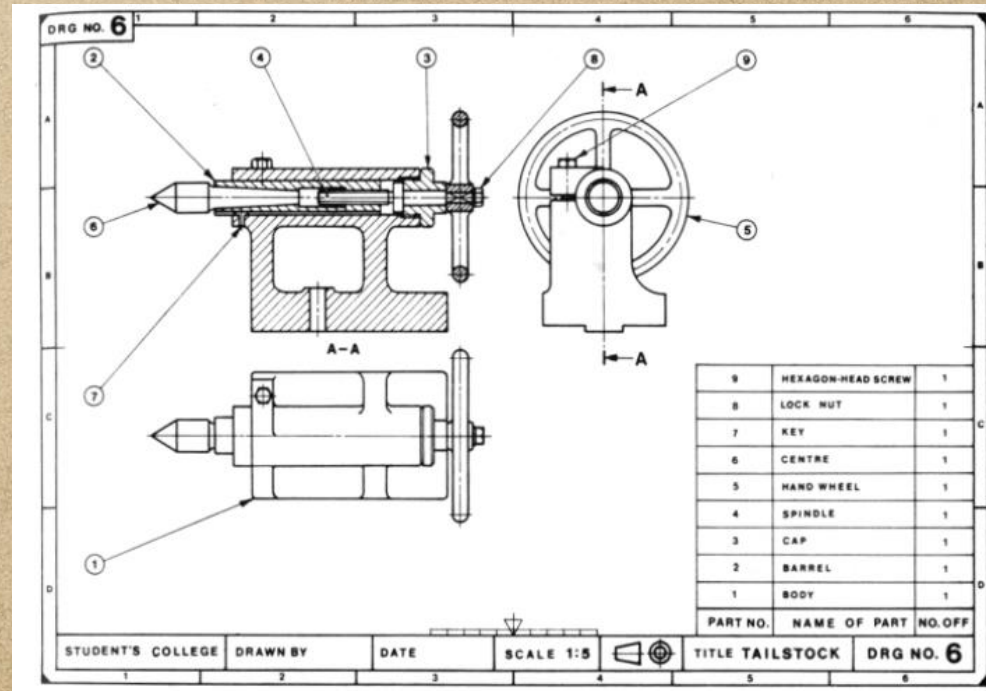
HOW IT WORKS?



EXAMPLE



TYPICAL TECHNICAL DRAWING





THANK YOU