

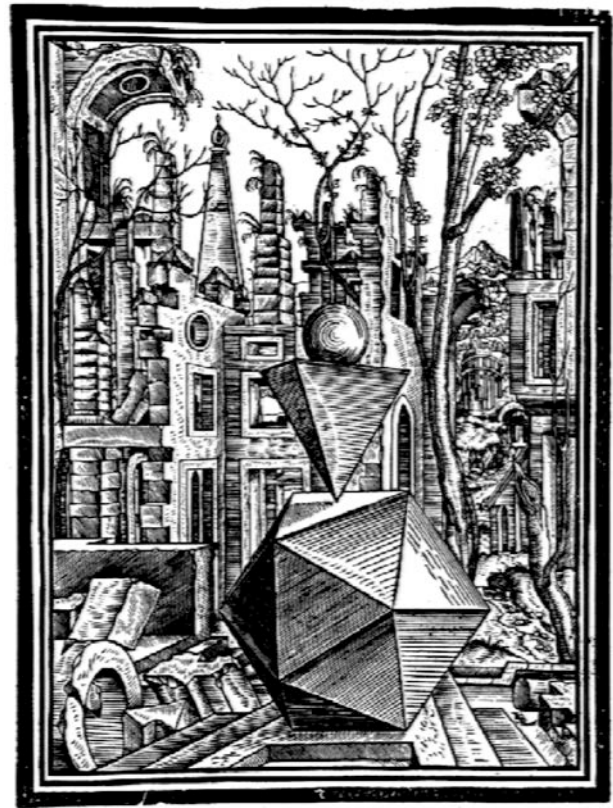
QUADRIVIUM

Assignment 10b: GEOMETRY–EarthMeasure

-Annandale- Thursday, April 11th or -Fishkill- Friday, April 19th



Gregor Reisch, *Margarita philosophica* (1503)
[the Philosophical Pearl]



Lorenz Stöer, *Geometria et Perspectiva* (1567)

Read the following:

Newsome, Daniel. Excerpts from *Quadrivial Pursuits*. (2011)
-Read pp. 9-11, "Quadrivial Geometry – Static Magnitude."

Euclid. *Elements*. Translated by T. L. Heath. 1908.

Read these sections from Book I: Try to do the constructions he describes.

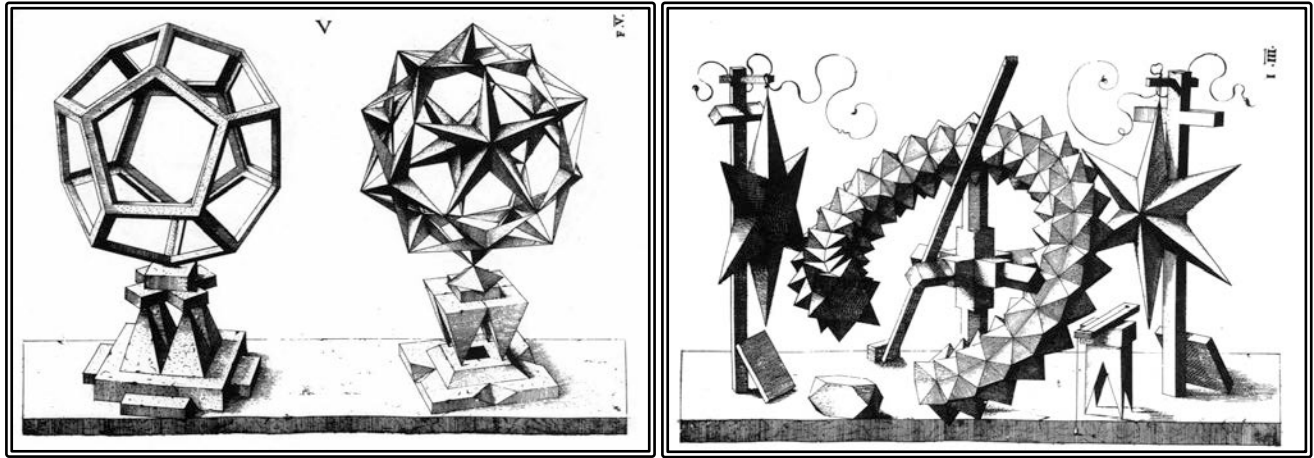
-pp.153-155: Definitions, Postulates, Common Notions

-pp. 242-242: Prop. 1

-p. 244: Prop. 2

-p. 267: Prop. 10

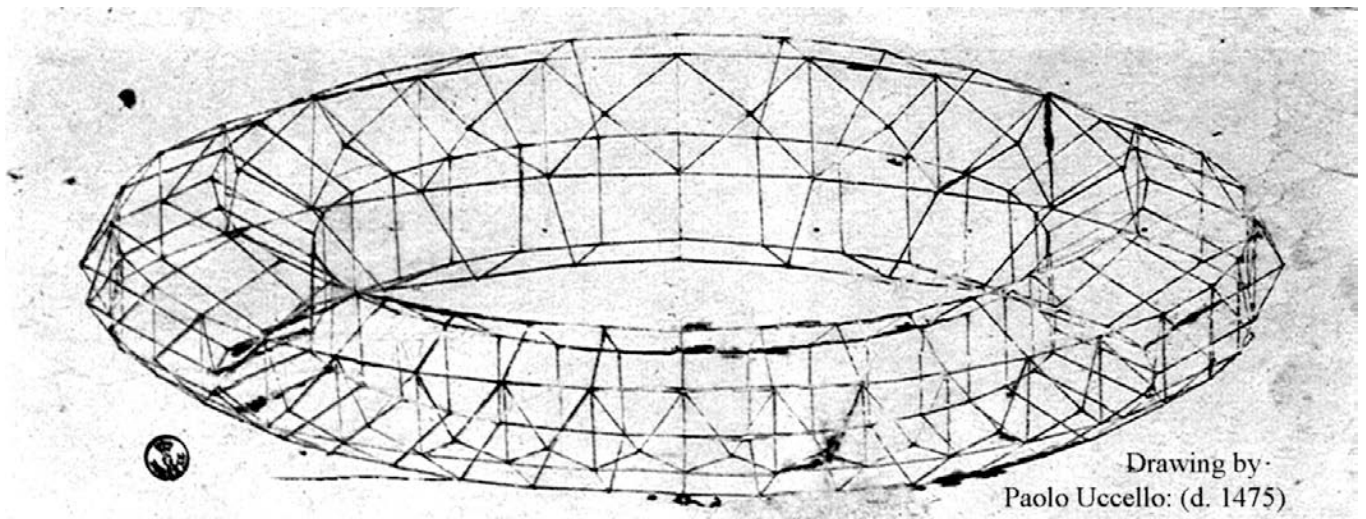
-pp. 269-271: Props. 11-12



Jamnitzer, *Perspectiva Corporum Regularium* [*Perspective of the Regular Solids*] (1568)



Paolo Uccello, *The Deluge*, Santa Maria Novella, Florence. (Fresco, ca. 1450)



Drawing by
Paolo Uccello: (d. 1475)