

3D Shapes Menu Task:

Build as *few* 3D shapes as possible to satisfy each constraint at least once.

Include diagrams that make your thinking visual.

A.	Has curved faces	B.	Has two bases
C.	Has one base	D.	Has an odd number of edges
E.	Contain rectangular faces	F.	Contains no vertices

Which constraints pair nicely?

Which constraints cannot be paired?

Is it possible to solve in 2, 3, or 4 3D shapes?

Describe how and why you built each 3D shape.

Be sure to identify which 3D shapes satisfy which constraints..