

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 an odd number of vertices	B.	Has two bases
C.	Has one base	D.	Has an even number of edges
E.	Contain triangular faces	F.	Has 6 faces or less

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..