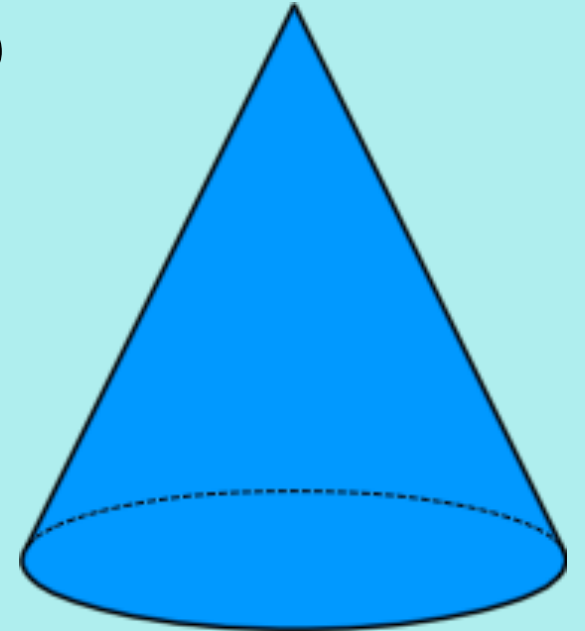
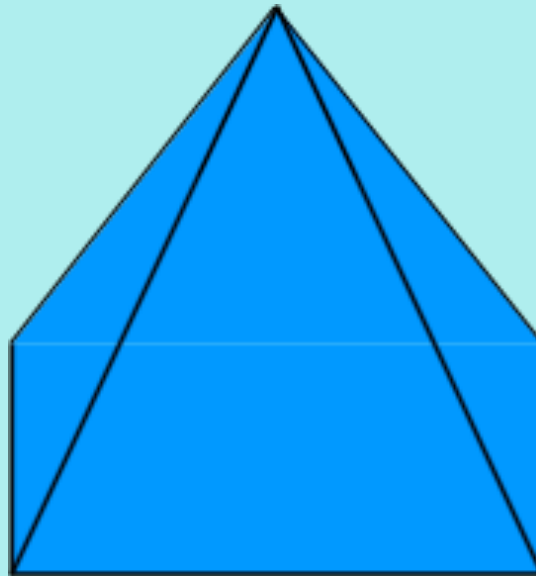
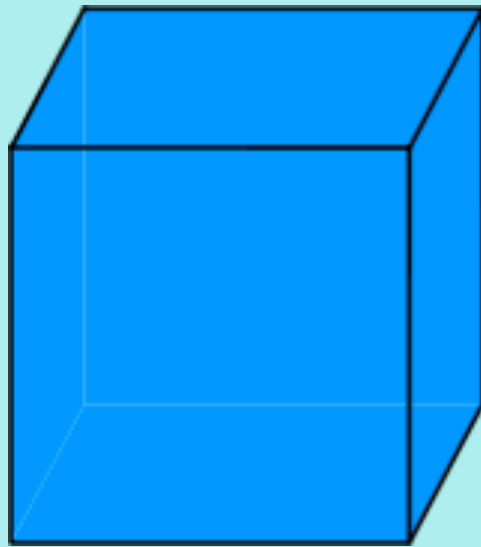


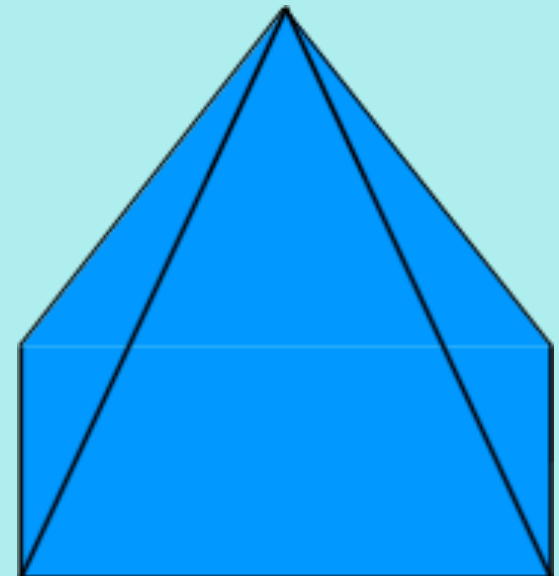
3D Shapes



Attributes of 3D Shapes

How many can you find?

- vertices/intersecting lines
- parallel lines
- perpendicular lines
- vertical lines
- horizontal lines



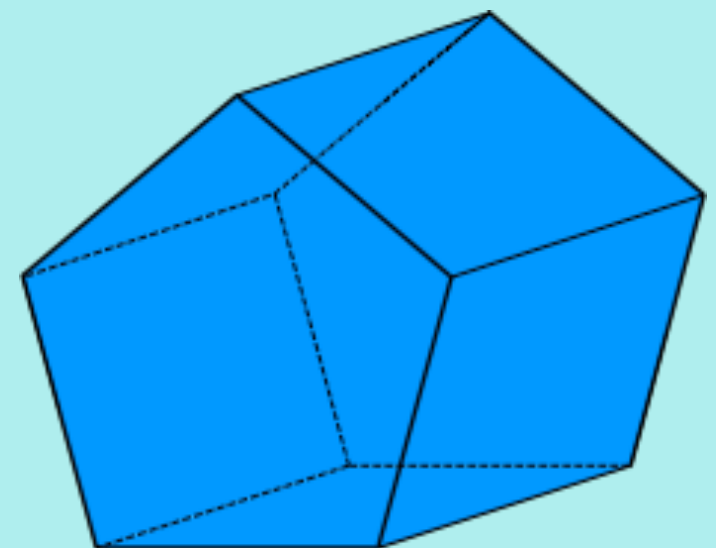
Faces and Bases

Faces: Flat surface of the shape

Base: Face that names the object.

Edge: Where 2 faces of a solid meet

Vertices: Where 3 or more faces meet (corner)



More Attributes of 3D Shapes

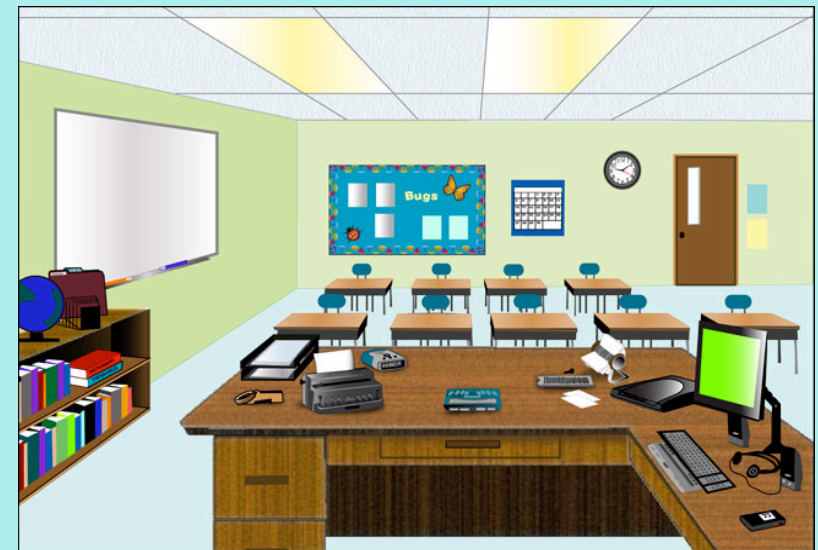
How many can you find?

- faces
- edges
- parallel faces
- perpendicular faces
- parallel edges
- perpendicular edges

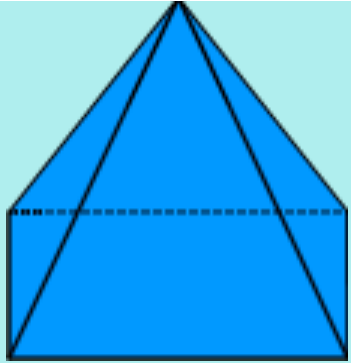


In the classroom find.....

- two parallel walls
- two perpendicular walls
- a vertical edge
- two parallel edges
- two intersecting walls
- a horizontal edge
- two intersecting edges
- two perpendicular edges

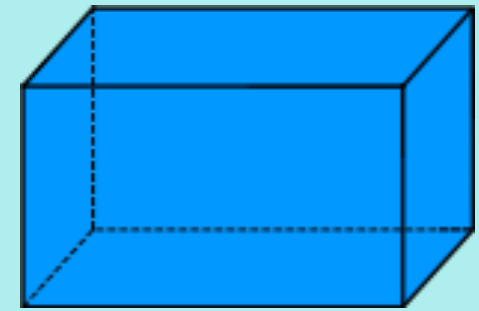
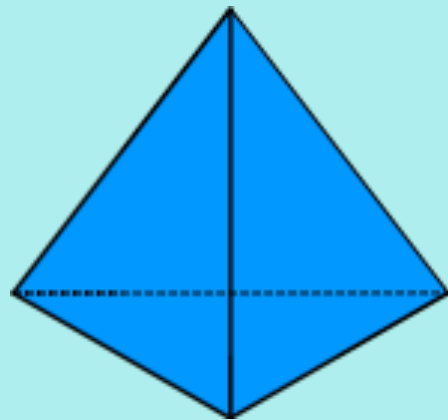


Pyramid vs. Prism



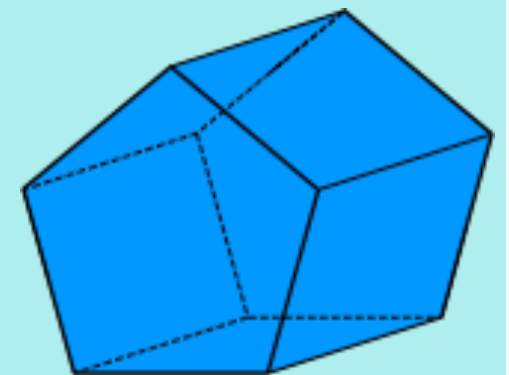
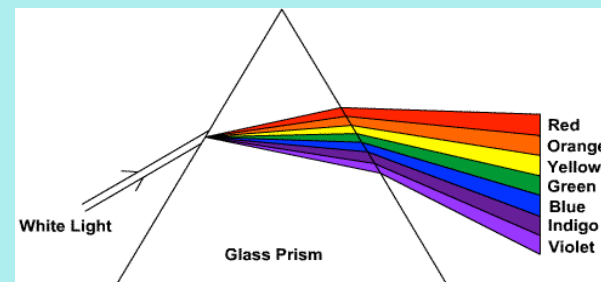
Pyramids

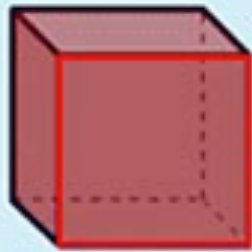
- Have 1 top point
- Triangular faces meet at the vertex
- The faces are joined at the base



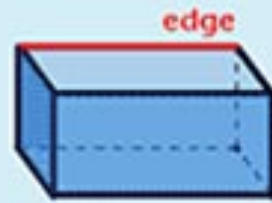
Prisms

- Have the same shape at each end (base)
- Can break light into different colours

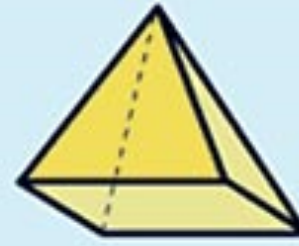




Cube



Cuboid



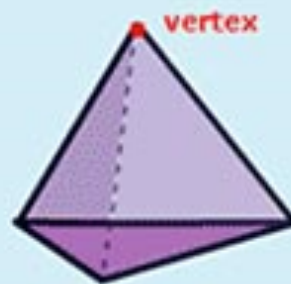
Square based pyramid



Cone



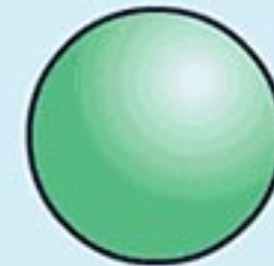
Triangular prism



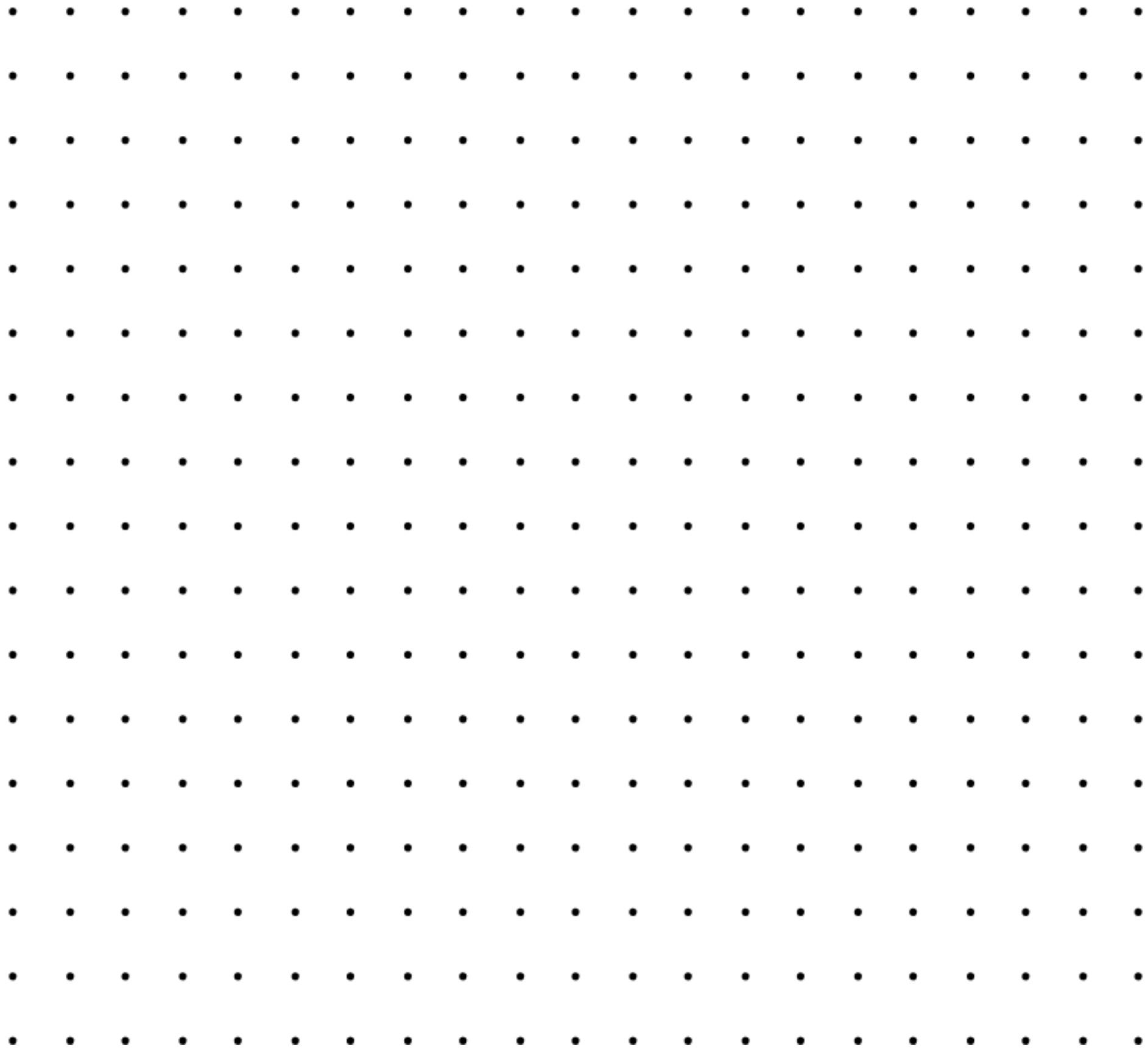
Triangular based pyramid

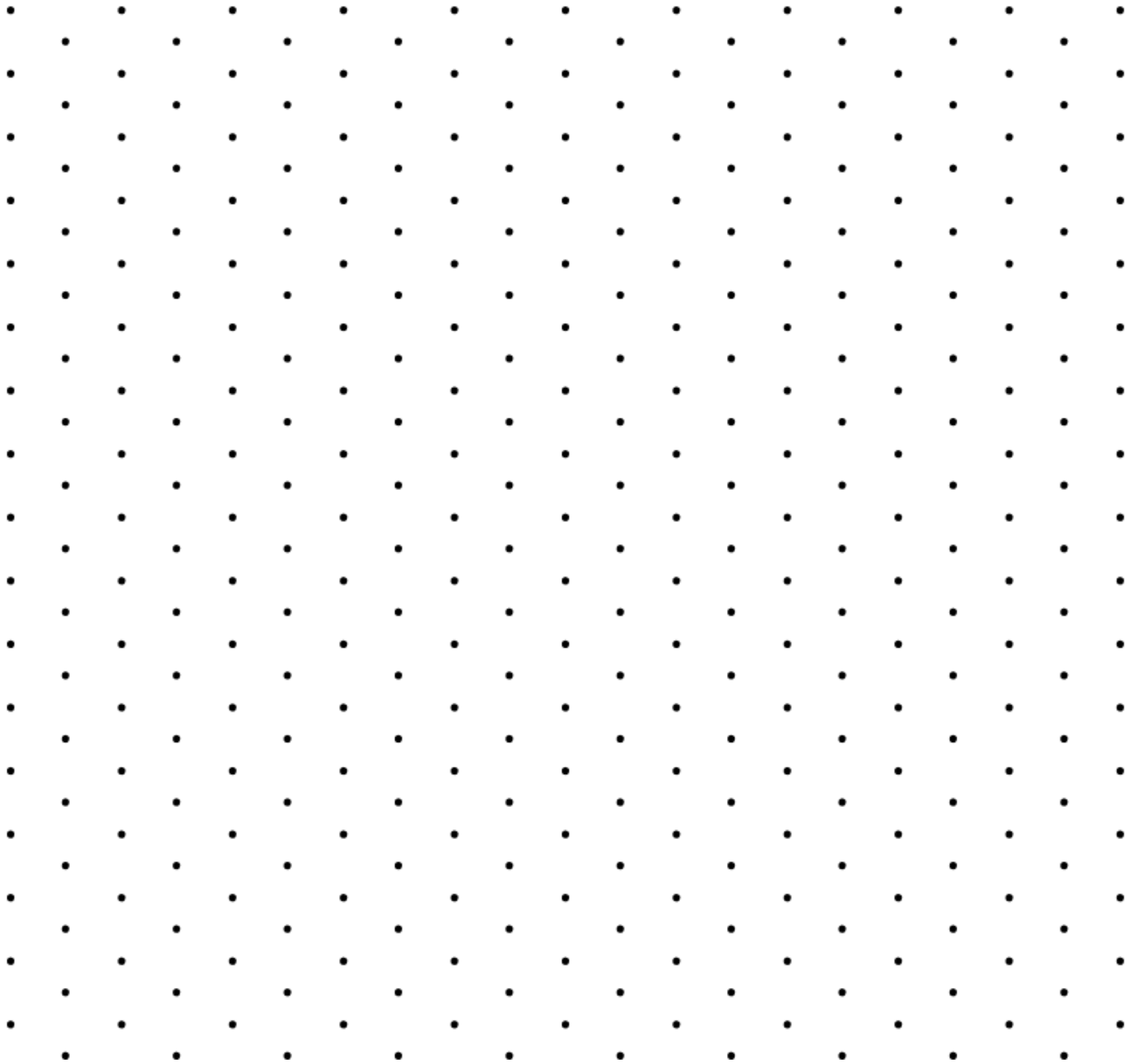


Cylinder

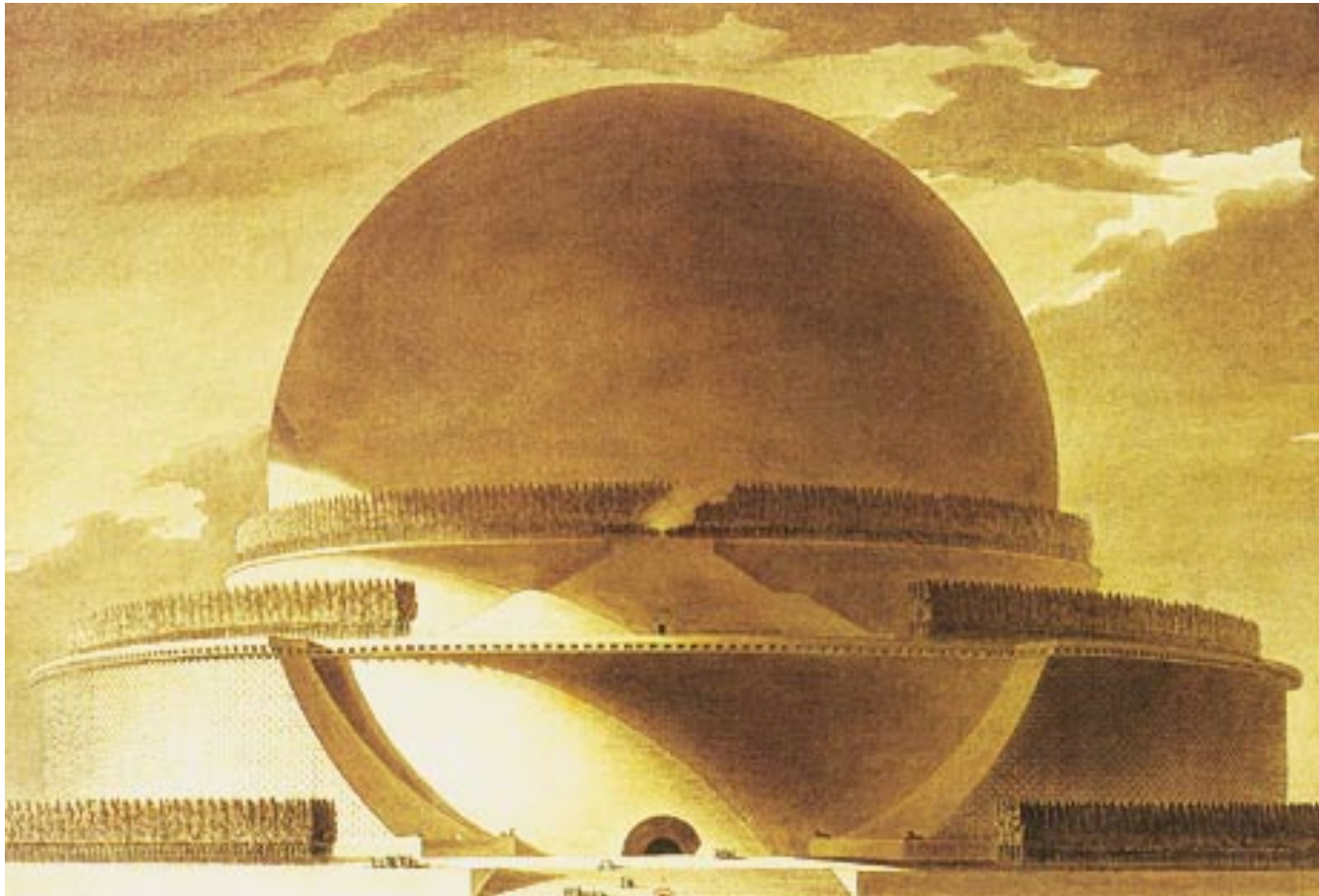


Sphere











modern pharmacy building KLab Architecture 555x298 The futuristic pharmacy interior designed by KLab Architecture

