

Math Practice Sheets

Geometry Part II

Student Name



Examples

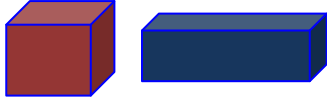
Practice Questions

Extra Challenge Unit

Unit
16.1

Count and Compare Sides, Edges, Faces, and Vertices

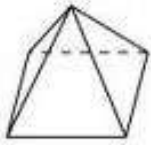
Example



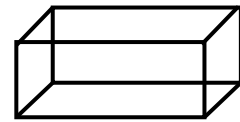
The cube and rectangular prism both have 8 vertices, 6 faces, and 12 edges.



The polygon has equal number of vertices and sides and single face. An octagon has 8 vertices and sides and only one face.



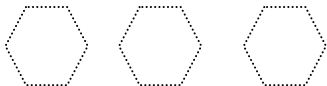
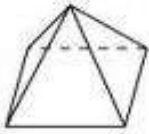
The rectangular pyramid has less number of vertices than the rectangular prism. i.e. $5 < 8$



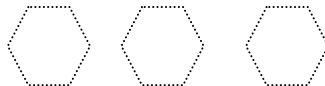
Exercise

1. Identify the number of vertices, edges, and faces of the following shapes and solids.

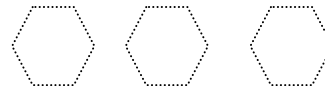
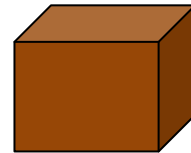
a)



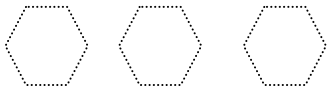
b)



c)



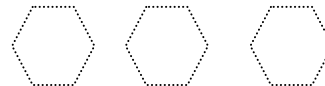
d)



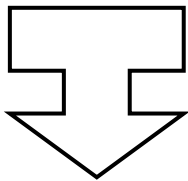
e)



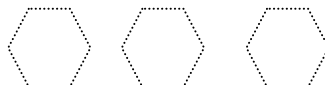
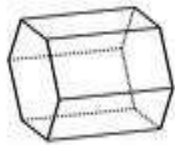
f)



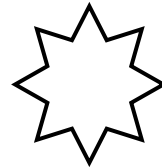
g)



h)



i)



2. David found the solid at the right.
How many faces are in the solid?

