

A12  
Homework pg 798 8, 9, 10, 13 - 18, 20, 23, 24, 29

8. Triangular Pyramid

Base:  $\triangle ACD$

Faces:  $\triangle ACD, \triangle ABD, \triangle ABC, \triangle BDC$

Edges:  $\overline{AB}, \overline{BC}, \overline{CD}, \overline{AD}, \overline{AC}, \overline{BD}$

Vertices: A, B, C, D

9. Hexagonal Pyramid

Base: Hexagon MNO PQR

Faces: MNO PQR,  $\triangle LMN, \triangle LNO, \triangle LOP, \triangle LPO$   
 $\triangle LOR, \triangle LRM$

Edges:  $\overline{LM}, \overline{LN}, \overline{LO}, \overline{LP}, \overline{LQ}, \overline{LR}, \overline{MN}, \overline{NO}, \overline{OP}, \overline{PQ}, \overline{QR}, \overline{RM}$

Vertices: L, M, N, O, P, Q, R

10. Triangular Prism

Base: Triangle

Faces:  $\triangle RSV$  and  $\triangle TUV$

Edges:  $\overline{RS}, \overline{SV}, \overline{RV}, \overline{UT}, \overline{TW}, \overline{UW}, \overline{RU}, \overline{TV}, \overline{ST}$

Vertices: RSTUVW

13. Rectangle

14. triangle

15. triangle

16. Square

17. Curve/half circle

18. triangle

22. Should be a triangular prism

23. Sometimes, b/c the least amount of sides for a base is Triangle (3 sides) and 2 more sides

29. G  
24. Never, b/c  
of face across  
from each other  
will slant up to a  
Point