

AL12

A12

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

8. Triangular Pyramid

Base: $\triangle ACD$

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

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, $\triangle LMN, \triangle LNO, \triangle LOP, \triangle LPQ, \triangle LQR, \triangle LRM$

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 $\triangle UTW$

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

vertices: RSTUWV

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 2 bases 3 faces or rectangle 2 base 4 faces

29. G

24. Never, b/c

All face across

from each other

will slant up to a

Point