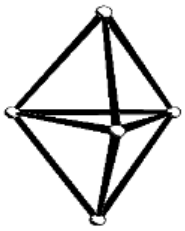
Independent Practice: **POLYHEDRA AND CROSS SECTIONS**

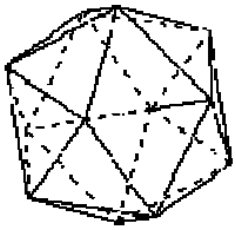
NAME: _____ DATE:_____ PERIOD:_____

Name the following polyhedra.

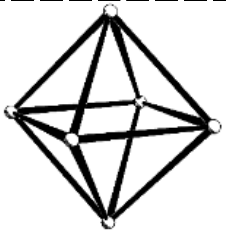
1._____



2._____



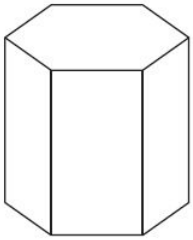
3._____



Solve for the missing value in the polyhedron using Euler's Theorem

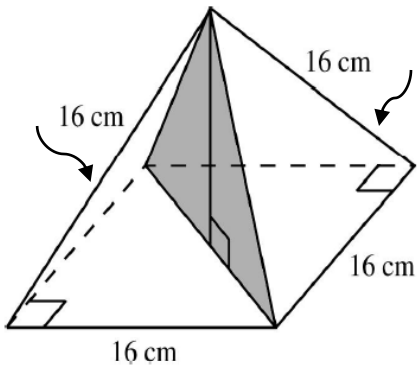
faces	edges	vertices
4. _____	18	12
5. 10	_____	16
6. 5	8	_____

Name the geometric figure formed the indicated cross section.

Parallel to the base(s)	Perpendicular to the base(s)	Figure
7._____	_____	
8. _____	_____	

Solve for the area of the indicated cross section.

9. x= _____



10. x = _____