

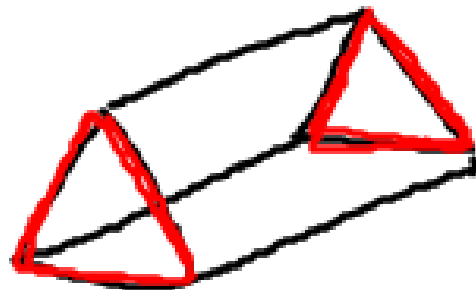
4 - 3

Visualize and Name Solids

prism: 3-D figure with two identical, parallel faces called bases

**A prism is named by the shape
of its bases.**

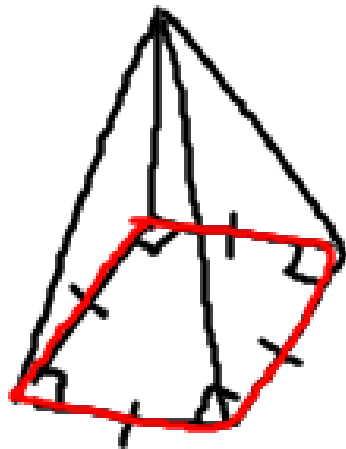
*** triangular prism



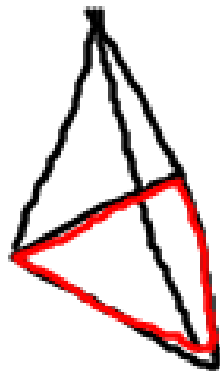
cube: rectangular prism with
edges of equal length

pyramid: only one base

* all other faces are Δ s



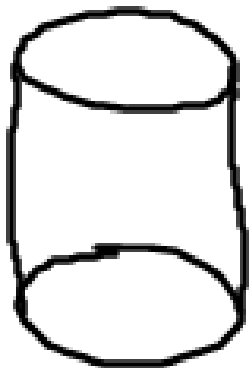
square pyramid



triangular pyramid

3-Dimensional Figures with Curved Surfaces

cylinder: has two identical, parallel,
circular bases



cone: one circular base and
one vertex

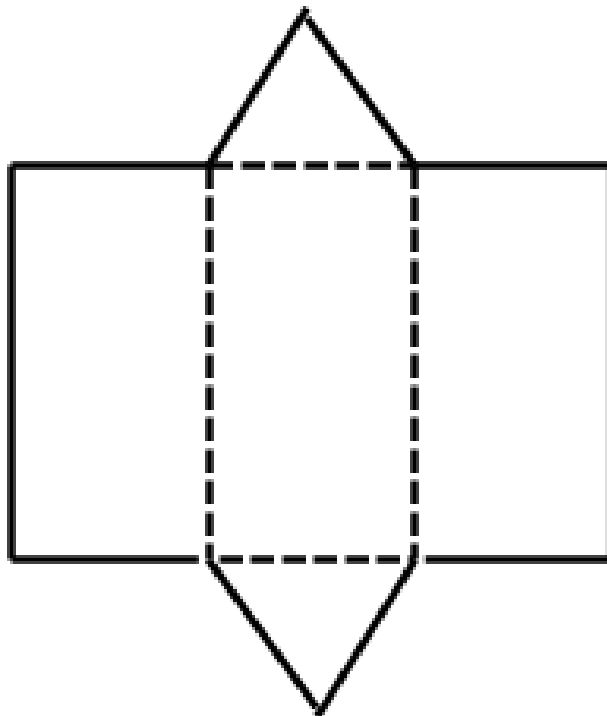


sphere: set of all points in space
that are the same distance
from a given point

net: a 2-D pattern that creates
a 3-D figure when folded

Example:

**net of a triangular prism
(dotted lines are folds)**





Homework:

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