

**GRADE 11 ESSENTIAL**  
**3-D GEOMETRY**  
**NAMING 3-D GEOMETRIC OBJECTS**

Name: \_\_\_\_\_

Date: \_\_\_\_\_

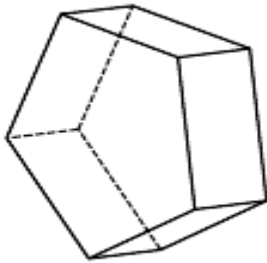
**NAME THE FOLLOWING PRISMS AND PYRAMIDS**

(And a couple circular things too!)

[Hint: Give the 'base' shape and if the edges of the base shape go up to a point with triangles it is a pyramid. If the edges of the base shape connect to an identical base shape with rectangles it is a prism.]

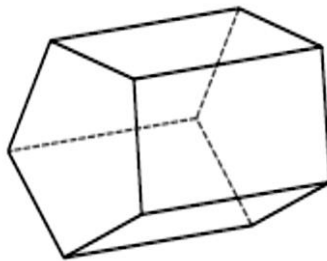
Base shapes: Pent=5; hex=6; oct = 8; non = 9; dec = 10, etc

Tick marks indicate congruence of edges.

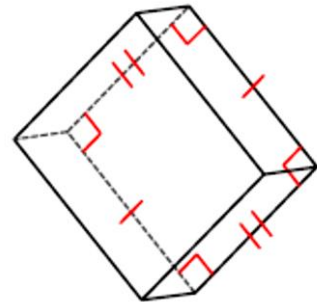


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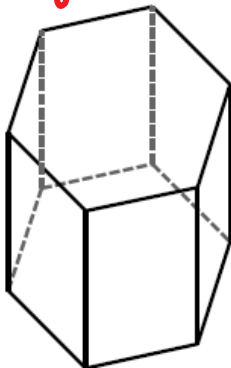
Pentagonal Prism



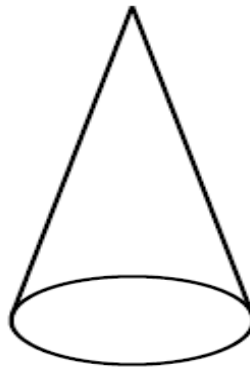
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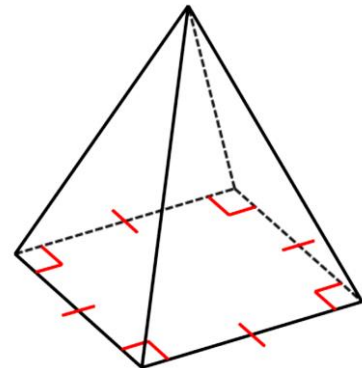
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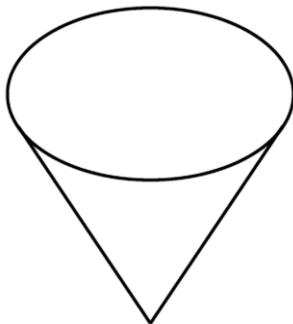
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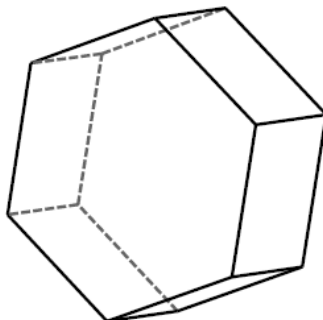
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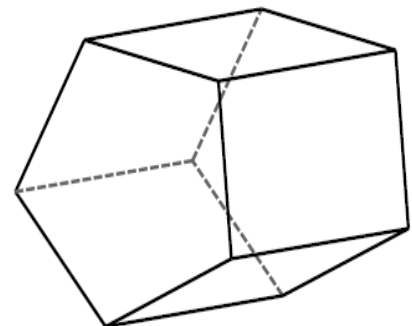
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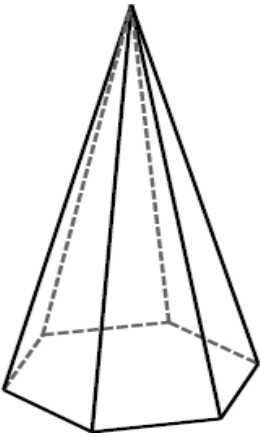
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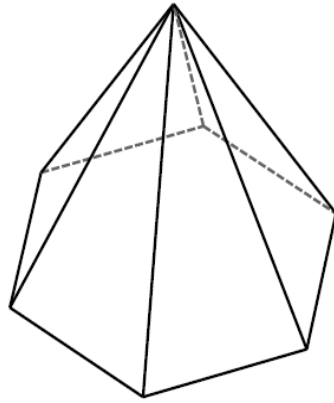
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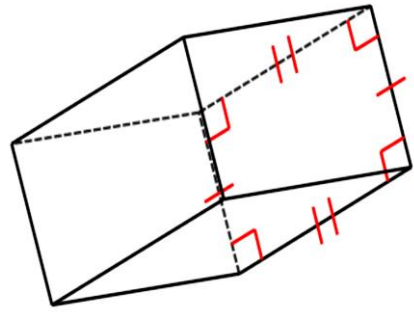
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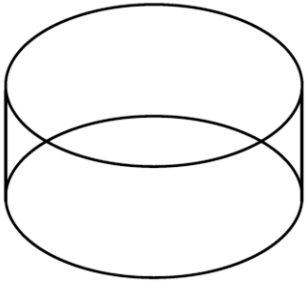
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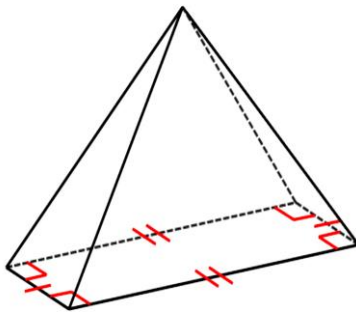
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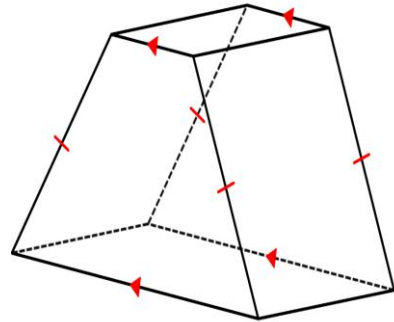
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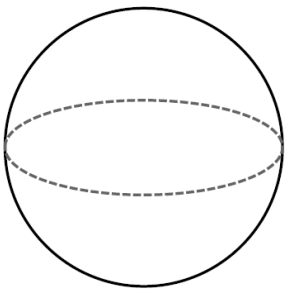
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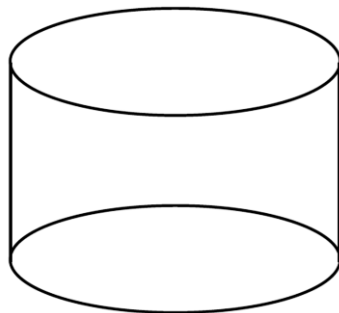
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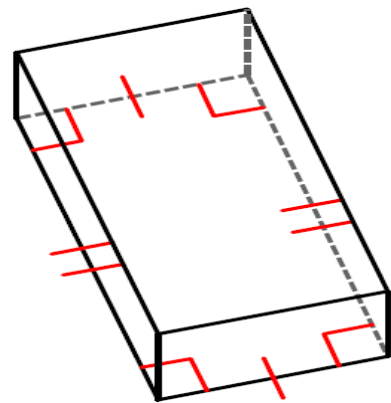
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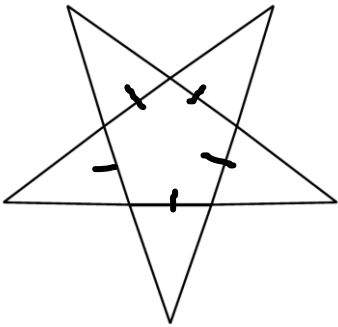


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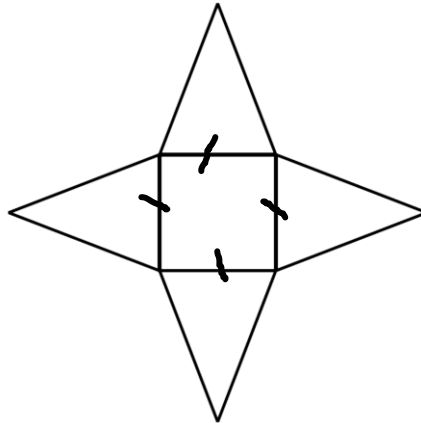


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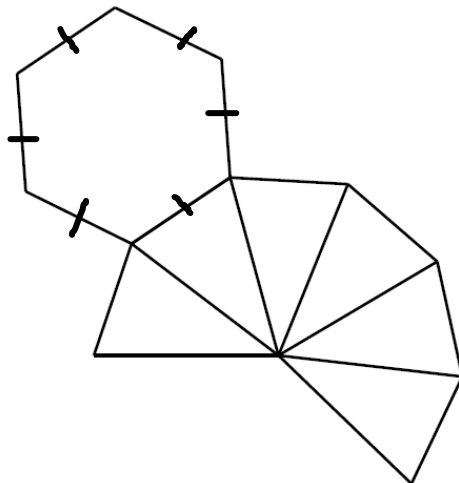
Name each shape you would get from folding up the net:



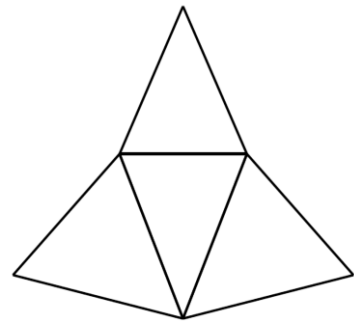
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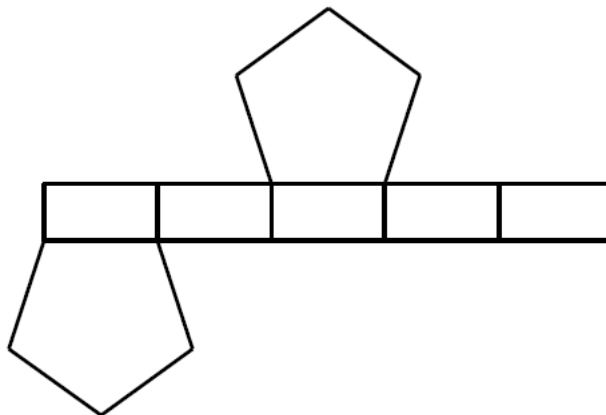
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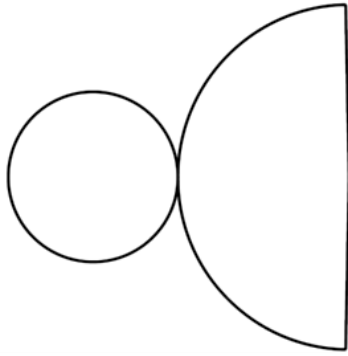
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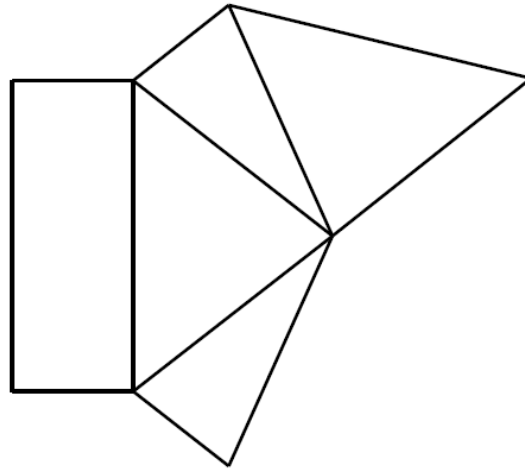
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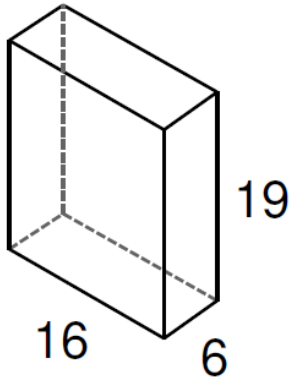


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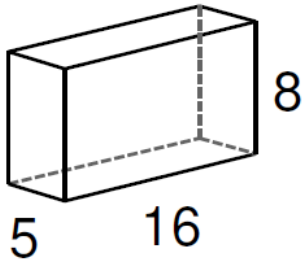


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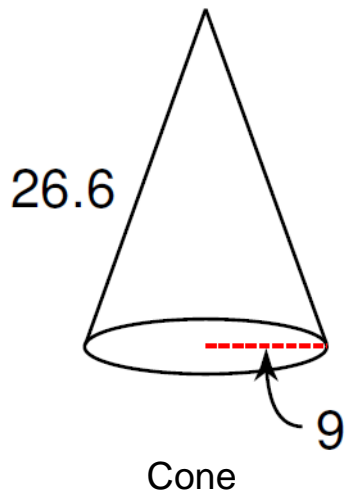
**Sketch the net of each shape.** Include the given dimensions in the net.  
 (by *sketch* we mean draw it without full attention to scale, but make it largely representative as concerns 'scale' [all elements in same proportion])



Rectangular Prism

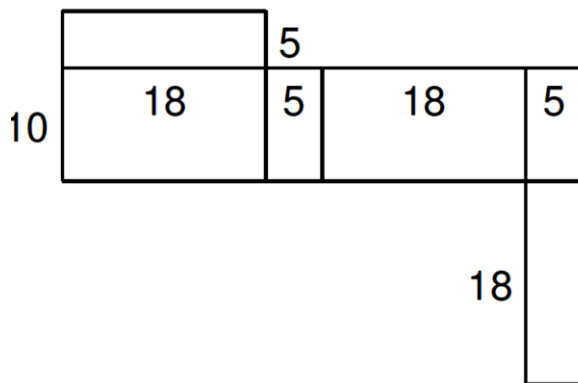
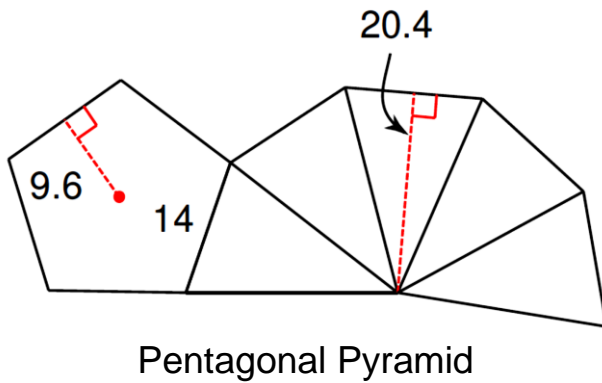


Rectangular Prism

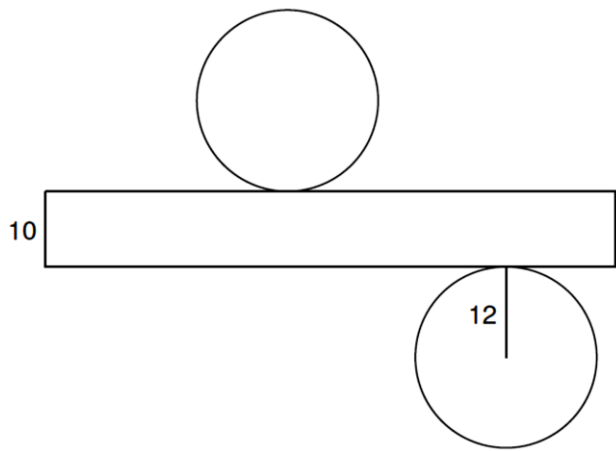


**'Sketch'** the 3-D prism and pyramid shapes that correspond to the nets below.

Label the given dimensions of the object on your sketch!



Rectangular Prism



Cylinder