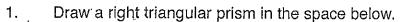
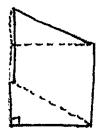
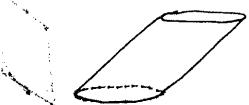
Unit H Exam Review





2. Draw an oblique cylinder in the space below.

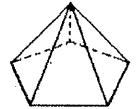


- 3. The figure below is a pentagonal pyramid.
 - a. How many lateral faces does it have?



b. What is the shape of the lateral faces?

c. How many bases does it have?



d. How many edges does it have?

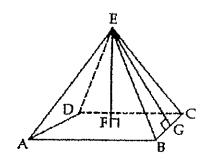


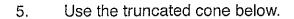
- 4. In the right square pyramid below,
 - a. the length of which segment is the slant height?

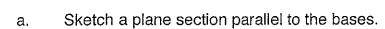


b. the length of which segment is the **height**?



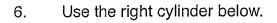


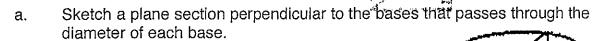




b. Name the shape of the section you drew.

Circle



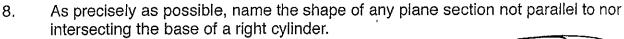


b. Name the shape of the section you drew.

Rectangle

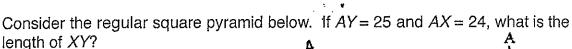


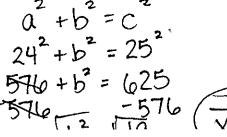




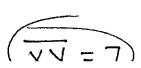
Ellipse

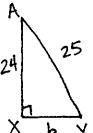
Regular Triangle

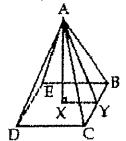




10.

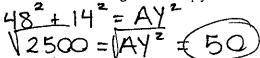




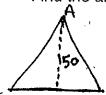




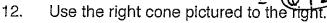
- 11. For the regular square pyramid, AX = 48 and XY = 14.
 - a. Find the slant height of the pyramid.



b. Find the area of one lateral face.



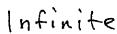
- $A = \frac{1}{2}b \cdot h$
- $A = \frac{1}{2} \cdot 28 \cdot 50$



a. Does the figure have reflection symmetry?



b. How many symmetry planes does the figure have?





48

- 13. The figure at the right is a regular octagonal prism.
 - a. Does the figure have reflection symmetry?

Yes

b. How many symmetry planes does the figure have?



14. Which 3D figure most resembles a math book? Be as specific as possible.

Right Rectangular Prism

15. Draw the net for a regular pentagonal pyramid.

