

Name _____
Topic 13 Review

For 1-6 name the solid.

1.



Cube

2.



Rectangular Prism

3.



Cylinder

4.



Hexagonal Prism

5. The Volume of a container is 96 in³. If the base of the container is 3in long and 2in wide what is the height of the container?

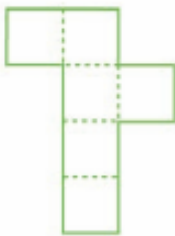
H = 16in

6. Mr. Andreassi has a wading pool that is 4ft wide by 5ft long by 1.5ft deep. If each Lowes bucket holds 1 ft³ how many times will he have to fill his bucket and dump it into the pool before it is full.

24 buckets

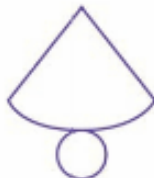
For 7 through 9 predict what solid each net will make.

7.



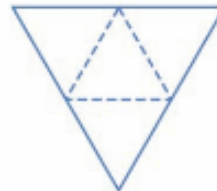
Cube

8.



Cone

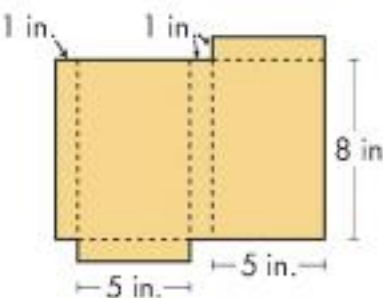
9.



Triangular Pyramid

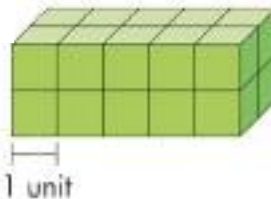
10 through 12 find the surface area of each solid.

10.



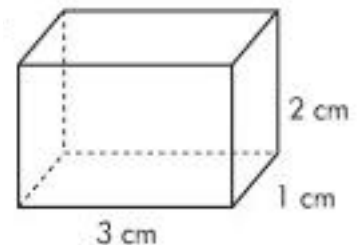
SA = 106 in²

11.



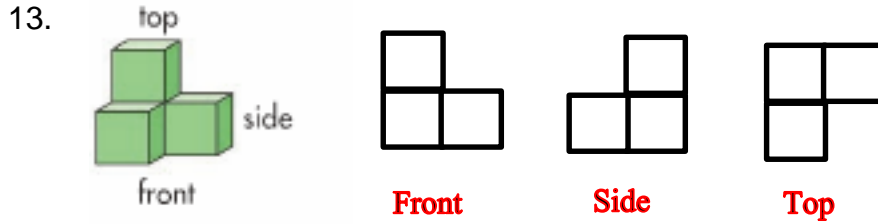
SA = 48 square units

12.

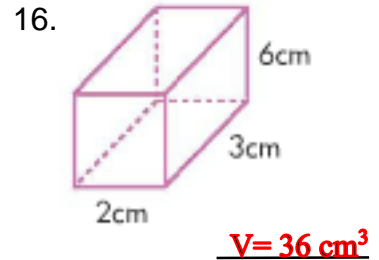
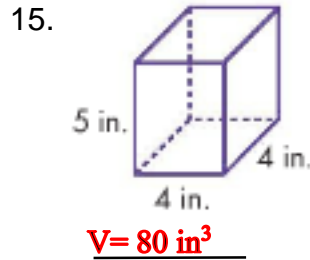
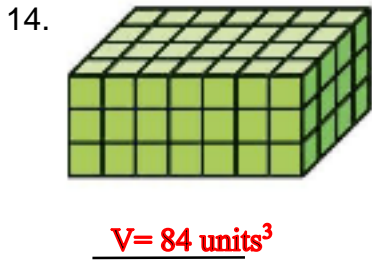


SA = 22 cm²

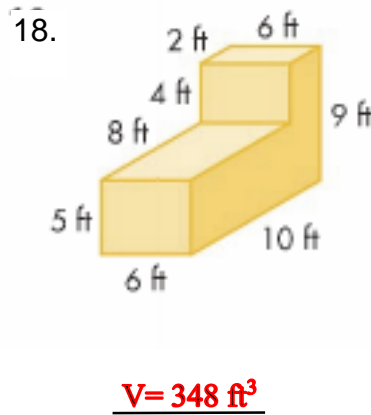
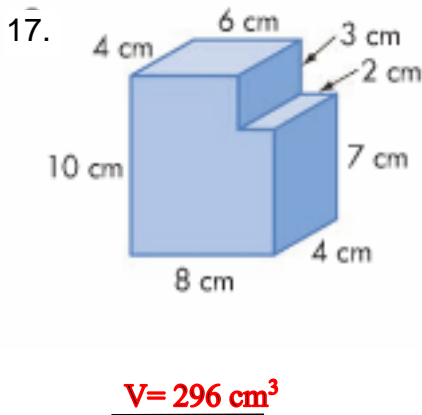
For 13, draw front, side, and top views of each stack of unit blocks.



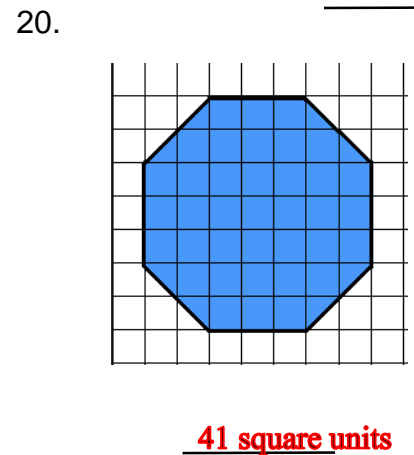
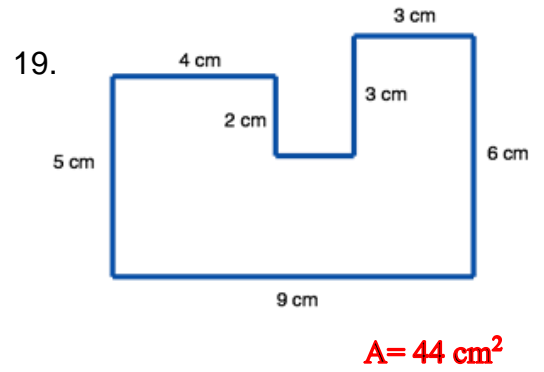
14 through 16 find the volume of each rectangular prism.



17. through 18. find the volume of each irregular solid.



For 19 and 20 find the area.



21. Mr. Turner is building a pattern with blocks. If the pattern continues, How many total blocks will he need for the next set?

