

# A: 5.1 Views of Three-Dimensional Objects

MathLinks 8, pages 164-169

## Key Ideas Review

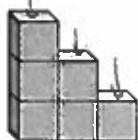
Choose from the following terms to complete #1

build    draw    front    three    3-D    top    side

1. a) A minimum of three views are needed to describe 3D objects.

b) Using the side, top, and front views, you can draw or build a 3D object.

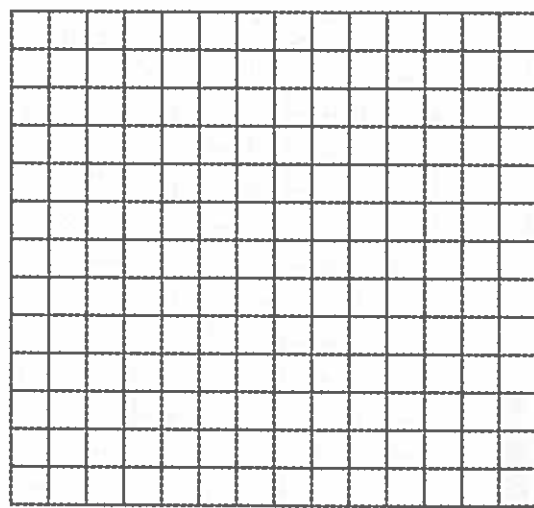
2. Label the views of the item.



Top                      left side                      front  
 (Can't "see" the bottom)

## Practise and Apply

3. Label each view. Sketch the top, side, and front views. *See Attached Grid Paper.*

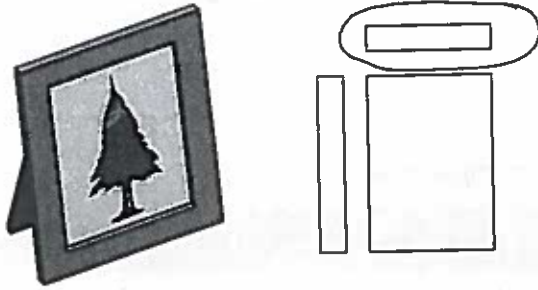


Name: \_\_\_\_\_

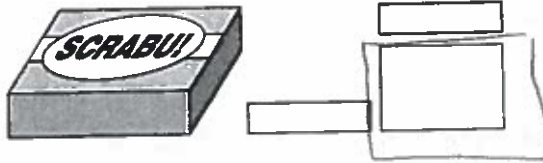
Date: \_\_\_\_\_

4. Circle the top view of each object.

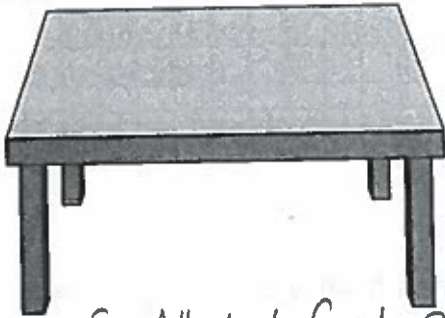
a)



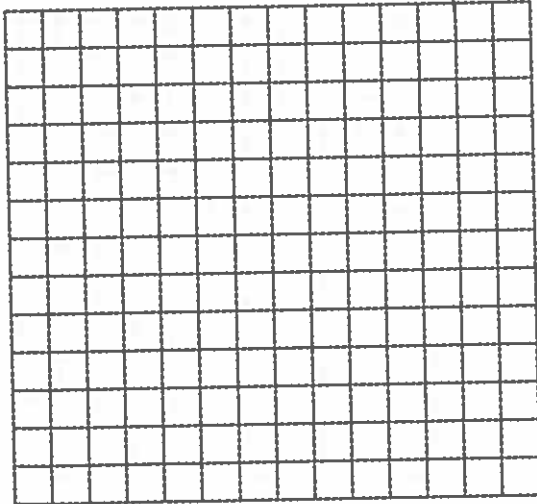
b)



5. Draw and label the top, front, and side views when this table is rotated 90° clockwise.



See Attached Grid Paper.

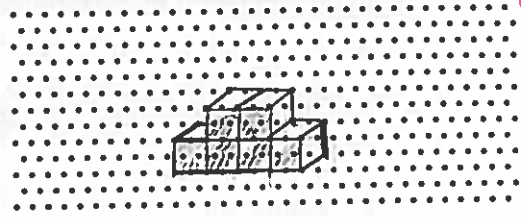


6. Sketch each 3-D object from the three views given.

a)



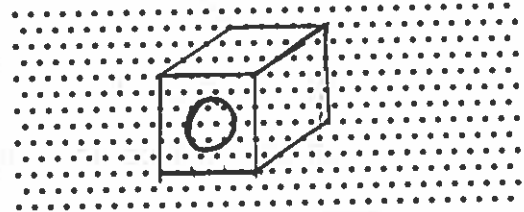
→ Draw the front 1st.  
 → Angle the corners back.  
 • Connect all angled corners.



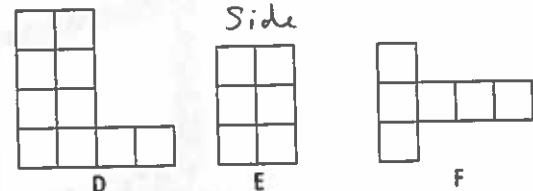
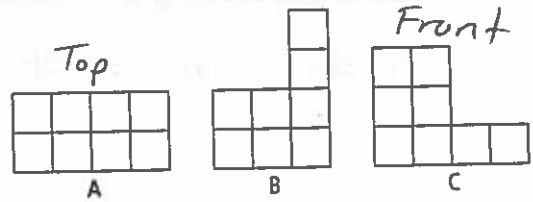
b)



\* Always free-hand neatly sketch holes!



7. Choose the correct top, front, and side view for this object and label each one.

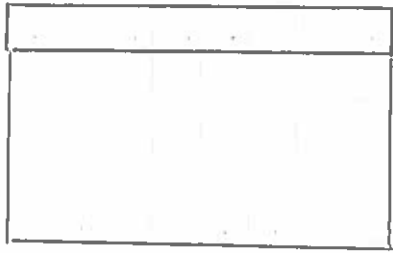


Assign Pg. 168 #3-7, 9  
 #5 Needs dot paper.

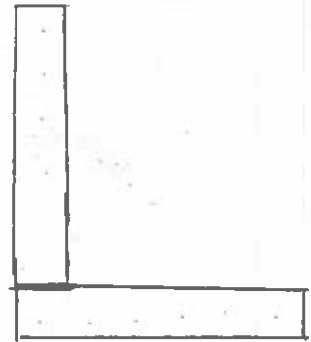
A: Views

#3

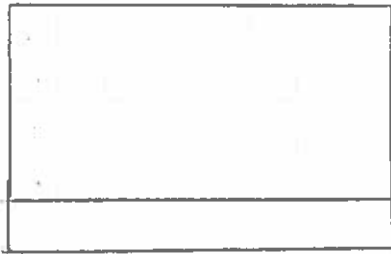
Top View



Side View

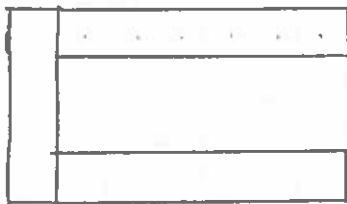


Front View

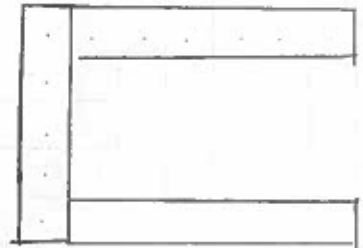


#5

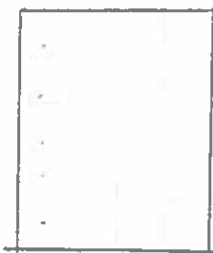
Top



Front View



Right Side



Left Side

