

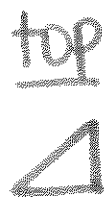
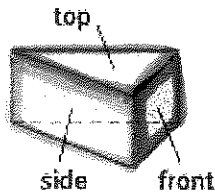
Lesson 7.5: Draw 3-D Figures

A 3-D figure, or solid, has length, width and depth.

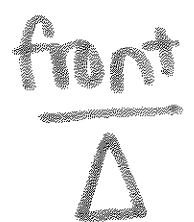
You can draw different view of 3-D figures. The most common views drawn are the top, side, and front views.

Draw a top, side, and front view of each figure.

Example 1:



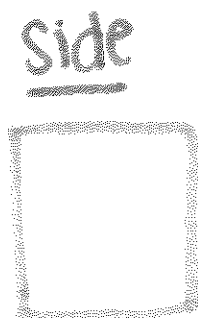
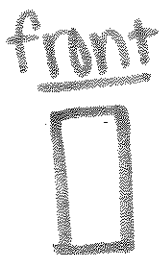
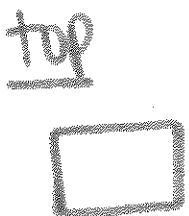
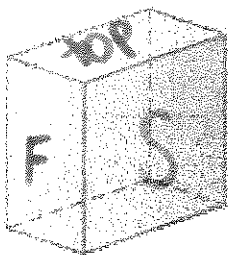
Example 2: cone



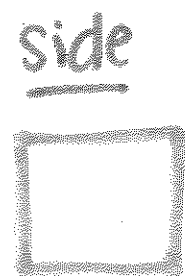
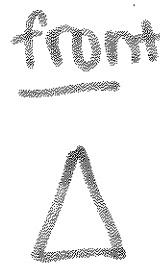
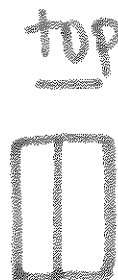
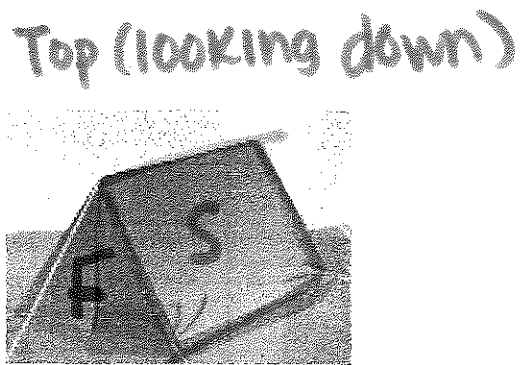
Got it?

Draw a top, side, and front view of the figure.

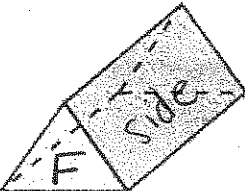
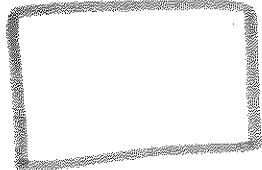
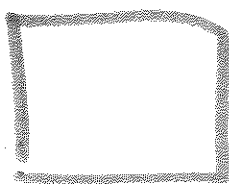
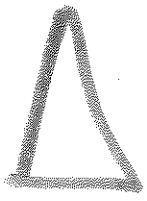
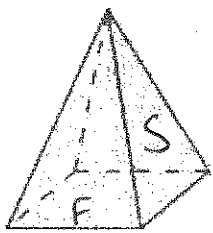
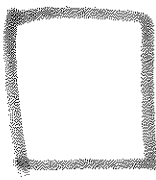
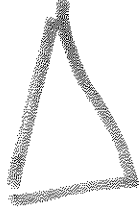
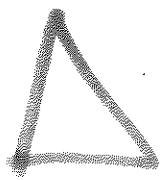




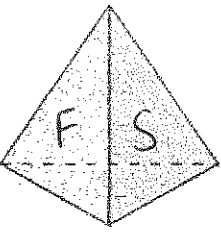
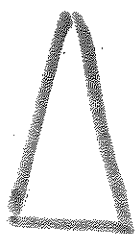
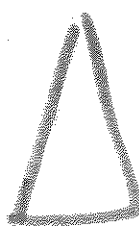

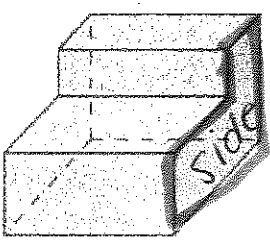
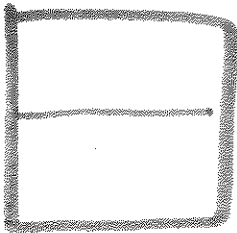
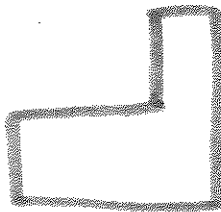
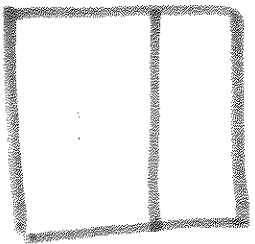
a.



b.



Draw the top, side and front views of the solid.

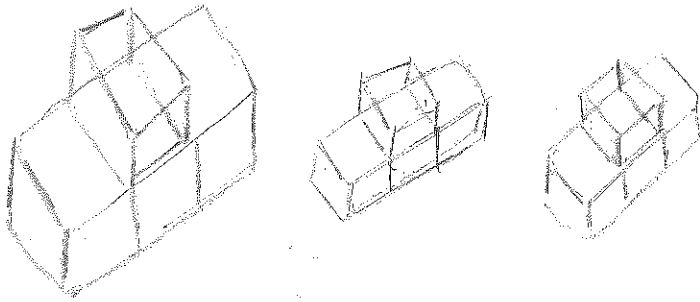
	top	side	front
			
			
			
			
			



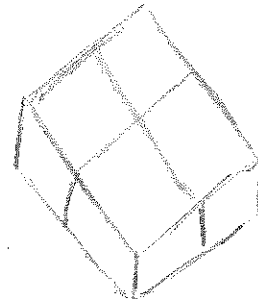
You can use the top, side, and front views to draw a corner view of the figure.

Draw a corner view of the 3-D figure whose top, side, and front views are shown.

Example 3:



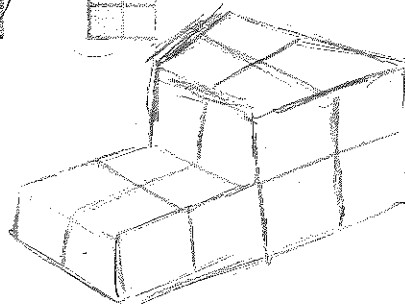
Example 4:



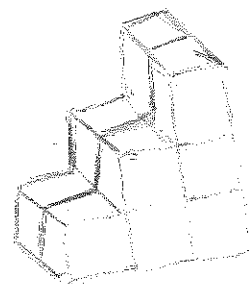
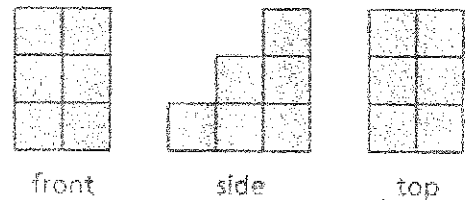
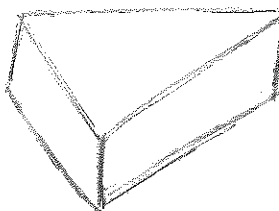
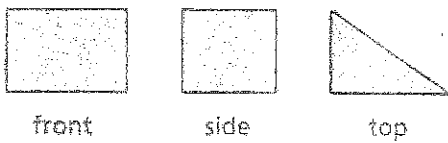
Got it?

Draw a corner view of the 3-D figure whose top, side, and front views are shown.

C.



Practice! Draw a solid with the following views.



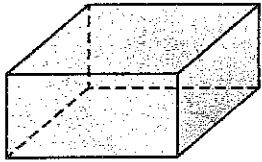
Lesson 5 Skills Practice

Draw Three-Dimensional Figures

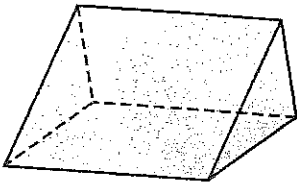
#1-3

Draw a top, a side, and a front view of each solid.

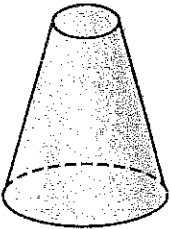
1.



2.

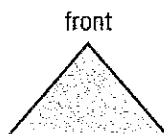
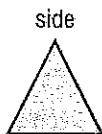
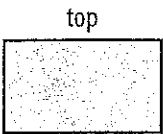


3.

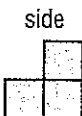
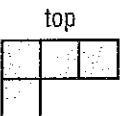


Draw a corner view of each three-dimensional figure whose top, side, and front views are shown. Use isometric dot paper.

4.



5.



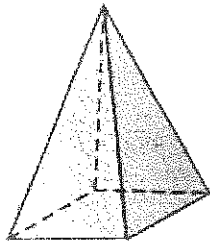
Lesson 5 Extra Practice

Draw Three-Dimensional Figures

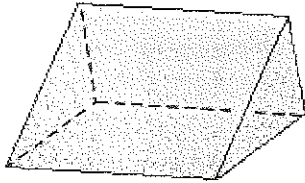
#1-3

Draw a top, a side, and a front view of each figure.

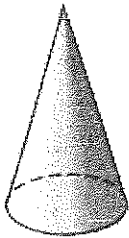
1.



2.

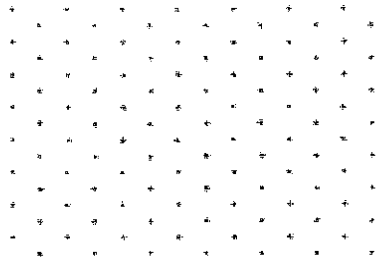
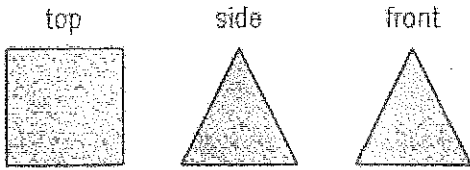


3.

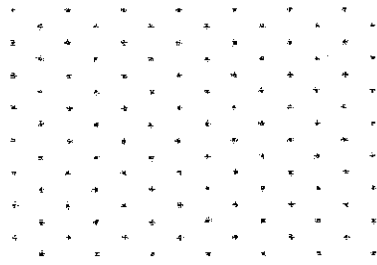
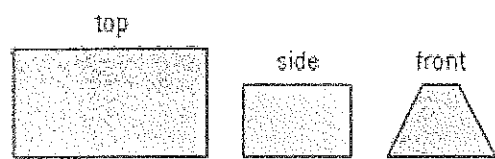


Draw a corner view of each three-dimensional figure whose top view, side view, and front view are shown.

4.



5.



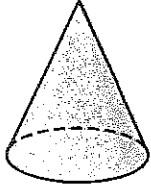
Lesson 5 Homework Practice

Draw Three-Dimensional Figure

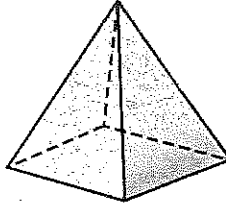
1-4

Draw a top, a side, and a front view of each solid.

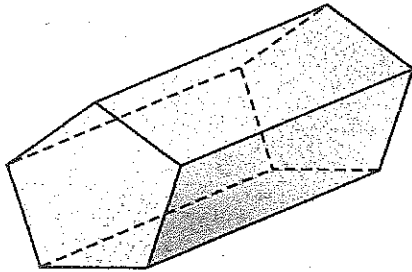
1.



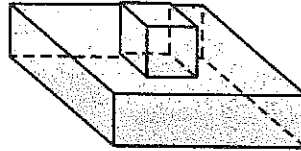
2.



3.

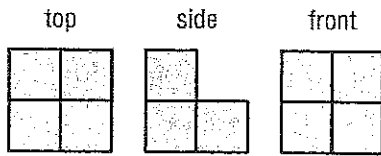


4.

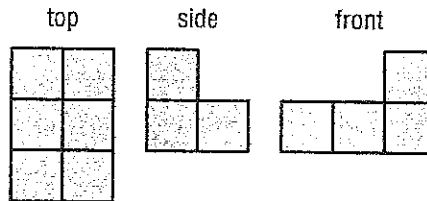


Draw a corner view of each three-dimensional figure whose top, side, and front views are shown. Use isometric dot paper.

5.



6.



7. Sketch views of the top, side, and front of the piano shown.

