

Topic: 8.2 Drawing Views of Rotated Objects

Name: _____

Class: Math 8

Date: _____

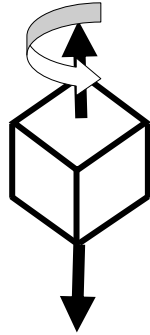
Questions/Main Ideas:

Notes:

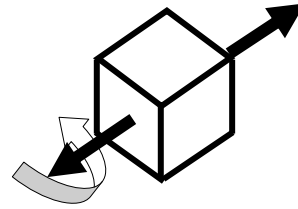
Learning Intention:

Draw views of objects that result from a given rotation.

Review:



Rotation: view from the TOP.

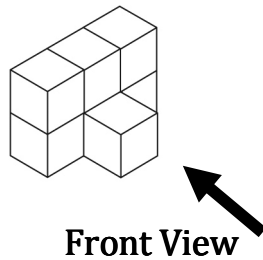


Horizontally (clockwise or counterclockwise)

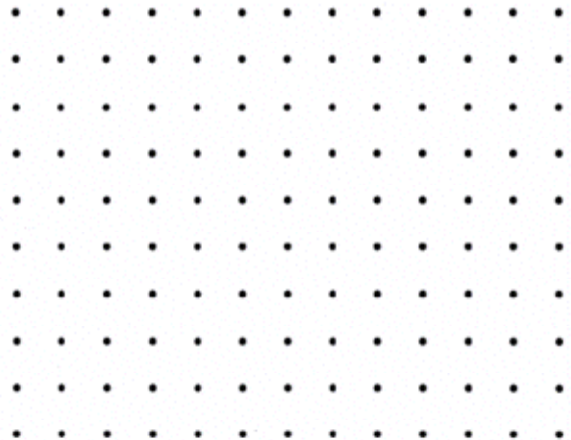
Vertically (towards you or away from you)

Sketch the front, top and side views of the following object.

Something challenging

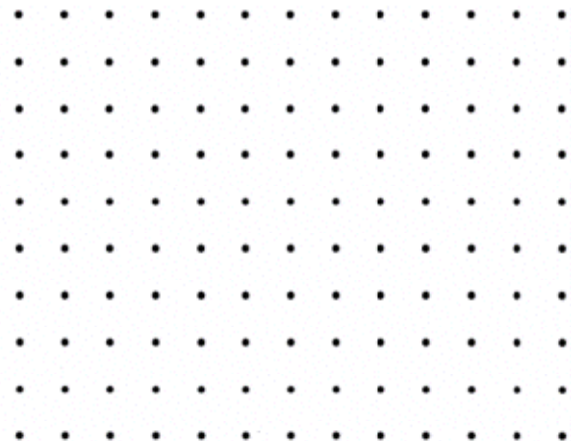
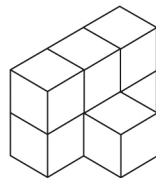


Front View



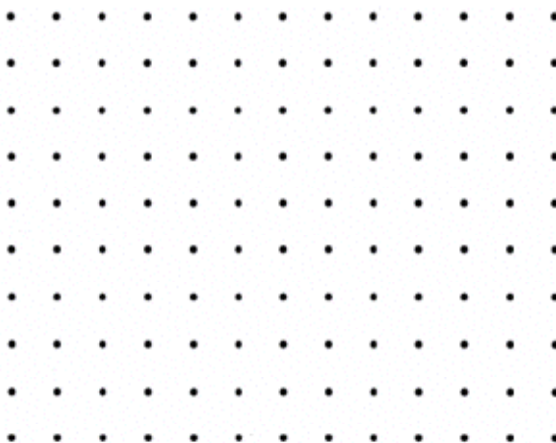
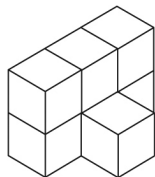
Remember that when you rotate, view it from the top. USE LINKING CUBES!!

Rotate the object 90° horizontally clockwise and redraw.



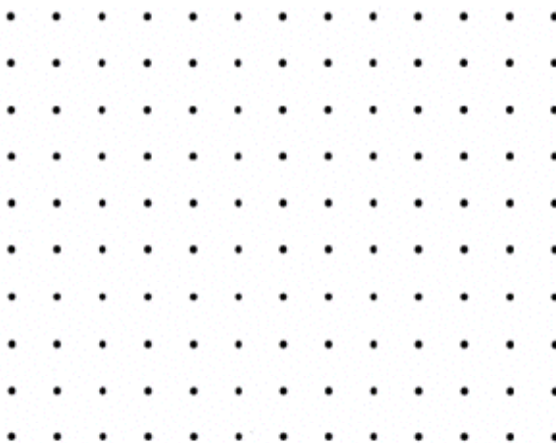
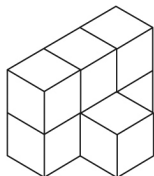
Problem Solving:

Rotate the object 90° horizontally counter-clockwise and redraw.



Remember that when you rotate, view it from the top. USE LINKING CUBES!!

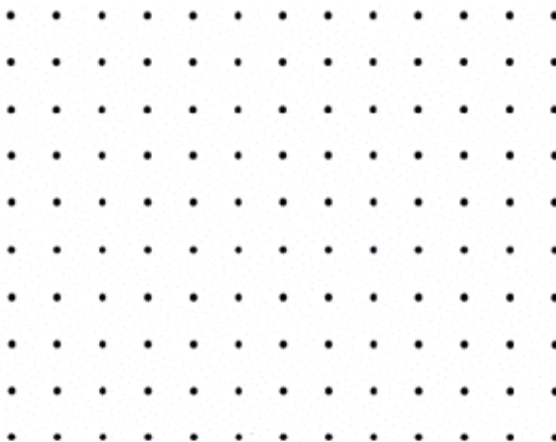
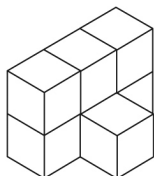
Rotate the object 90° vertically towards you and redraw.



Draw the front, top and sides.

(if you are able, also draw the bottom and back)

Rotate the object 180° vertically towards you and redraw.



Next Step:

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