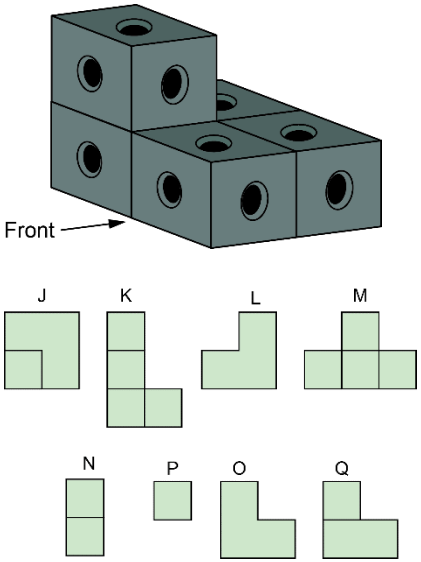
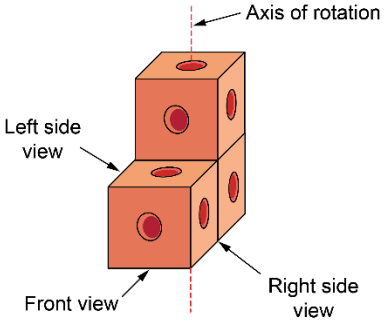
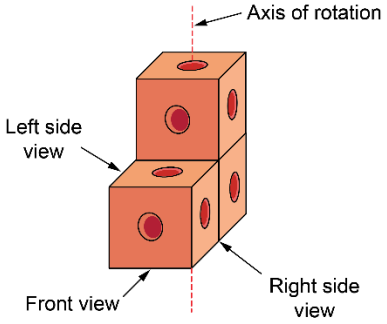
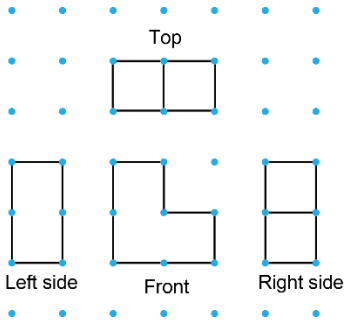
Measurement

Lesson 8 Assessment

Exploring Rotations of 3-D Objects

Exploring Rotations of 3-D Objects

Identifies different views of 3-D objects	Predicts top, front, and side views of a rotated 3-D object	Draws top, front, and side views of a rotated 3-D object	Applies knowledge of different views
Match the views to the object.  Front view: O, right side: Q, left side: L, top view: J	Predict the views after a horizontal rotation of 270° clockwise.  A rotation of 270° clockwise is three 90° turns clockwise. So, the front becomes the right side, the left side becomes the front, the back becomes the left side, and the top rotates by 270° clockwise.	Draw the views after a horizontal rotation of 270° clockwise.   	Describe a different rotation that will have the same views as a horizontal rotation of 270° clockwise. A rotation of 270° clockwise is the same as a rotation of 90° counterclockwise.

Observations/Documentation