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| **Exploring Rotations of 3-D Objects** |
| Identifies different views of 3-D objects Match the views to the object.Front view: O, right side: Q, left side: L, top view: J | Predicts top, front, and side views of a rotated 3-D objectPredict the views after a horizontalrotation 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. | Draws top, front, and side views of a rotated 3-D objectDraw the views after a horizontalrotation of 270° clockwise. | Applies knowledge of different viewsDescribe 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** |
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