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| **Drawing Views** |
| Understands that 3-D objects can be represented in 2-D with different views. “3-D objects can be represented on paper to show different views. I can match the object to the different views by laying the object on top of the views.” | Draws top, front, and side views of objects and matches views to a 3-D object.“I used square dot paper to draw and label each view and match the object to the drawings.” | Constructs a 3-D object using given views.“I constructed a 3-D object using the views. I started with the top view, then added the front view. Each additional view provided more information for building the 3-D object.” | Analyzes multiple 3-D objects from different perspectives using the same views.“I visualized and built more than one 3-D object from the set of views (e.g., a cube can sometimes be placed behind other cubes without changing the views). When I change the orientation of the object, the perspective changes the views.” |
| **Observations/Documentation** |
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