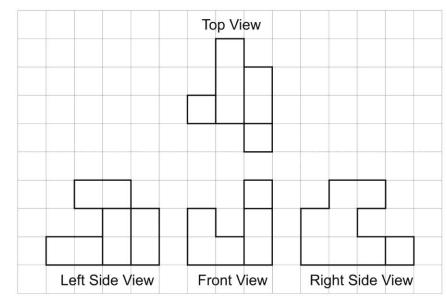


4. Use the object in question 3.

Suppose the object is rotated 270° counterclockwise. Will the new views of the object be the same as those drawn in question 3a? If your answer is yes, explain how you know. If your answer is no, draw the new views.



Use linking cubes to build an object for each set of views below.
a)



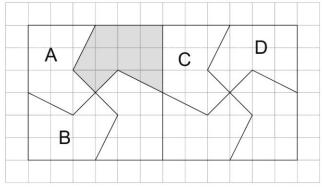
b)

	Top View	
Left Side View	Front View	Right Side View

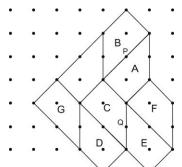


1. Start with the shaded shape.

Use transformations to describe how to create Shapes A, B, C, and D.



2. Use this design. Match each transformation to a transformation image.



- a) Rotate Shape A 180° about point P.
- **b**) Translate Shape C 2 units left.
- c) Rotate Shape D 180° about point Q.
- d) Translate Shape G 4 units right.

3. Use the design to the right. Identify each transformation.

- a) Shape D is the image of Shape C.
- **b**) Shape E is the image of Shape G.
- c) Shape C is the image of Shape E.
- d) Shape F is the image of Shape C.
- e) Shape A is the image of Shape B.

