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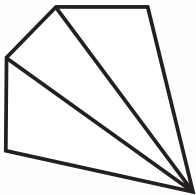
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FINDING AND TRACING PATTERNS

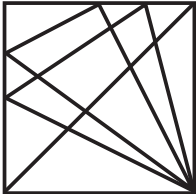
Circle any figure that contains the pattern on the left. The pattern must be in the same position but may have extra lines. Trace over the matching pattern to make sure you are right.

A-27

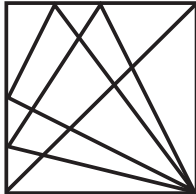


Pattern

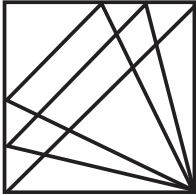
a.



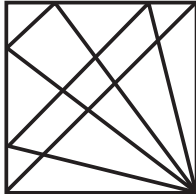
b.



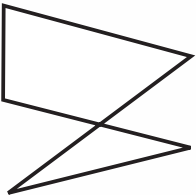
c.



d.

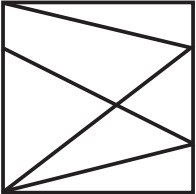


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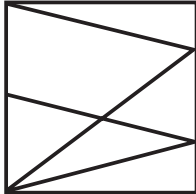


Pattern

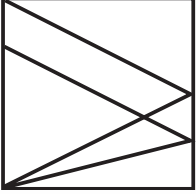
a.



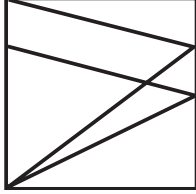
b.



c.



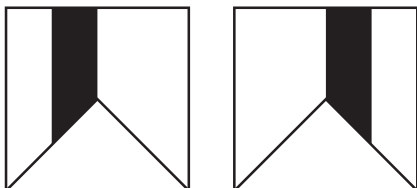
d.



EXPLAINING ROTATION OR REFLECTION

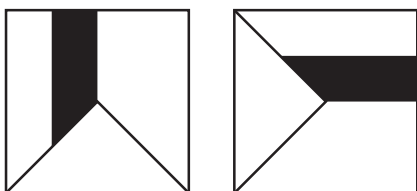
Examine the figures below. Decide how the first figure has been rotated or reflected to make the second one. Mark the directions on the right to explain the change. Mark the axis **V** for vertical, **H** for horizontal, or **D** for diagonal.

B-103



Rotated? Yes _____ No _____
 Number of positions: _____
 Direction: Right _____ Left _____
 Reflected? Yes _____ No _____
 Axis: V _____ H _____ D _____

B-104



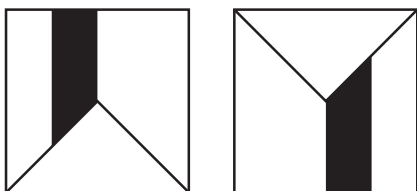
Rotated? Yes _____ No _____
 Number of positions: _____
 Direction: Right _____ Left _____
 Reflected? Yes _____ No _____
 Axis: V _____ H _____ D _____

B-105



Rotated? Yes _____ No _____
 Number of positions: _____
 Direction: Right _____ Left _____
 Reflected? Yes _____ No _____
 Axis: V _____ H _____ D _____

B-106



Rotated? Yes _____ No _____
 Number of positions: _____
 Direction: Right _____ Left _____
 Reflected? Yes _____ No _____
 Axis: V _____ H _____ D _____

B-107



Rotated? Yes _____ No _____
 Number of positions: _____
 Direction: Right _____ Left _____
 Reflected? Yes _____ No _____
 Axis: V _____ H _____ D _____

ROTATING CUBES—SUPPLY

Examine the changes in position of the first three cubes.
Decide how the cube is rotating. Mark the last cube as it should
look to continue the rotation sequence.

B-319

B-320

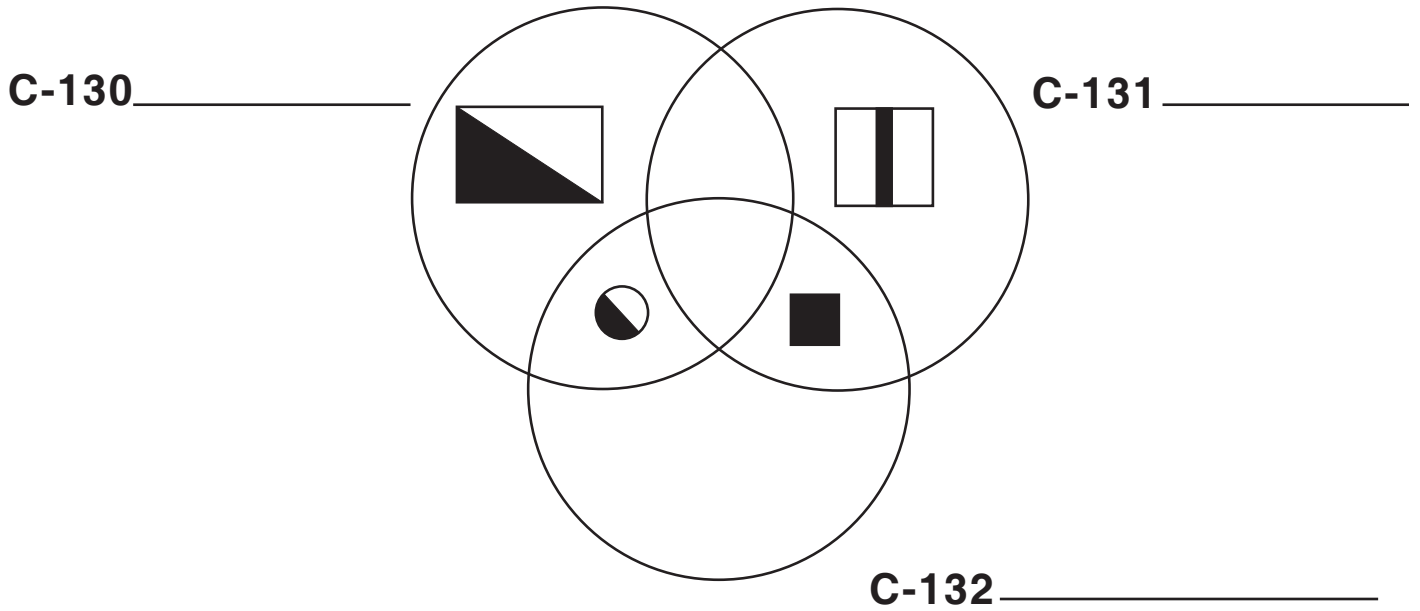
B-321

B-322

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OVERLAPPING CLASSES—INTERSECTIONS

Examine the Venn diagram. From the location of the figures, determine the characteristics of each class. Label each circle.



Darken the region of each small Venn diagram in which each figure belongs.

C-133

C-134

C-135

C-136

C-137

C-138

C-139

C-140

C-141

CLASSIFICATIONS
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FIGURAL ANALOGIES—SUPPLY

On the grid of dots, draw in the figures that will complete these figural analogies.

	A	:	B	::	C	:	D
D-61		:		::		:	
D-62		:		::		:	
D-63		:		::		:	
D-64		:		::		:	
D-65		:		::		:	

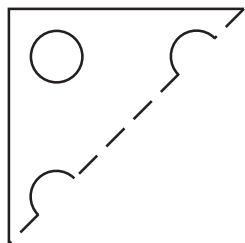
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ANALOGIES

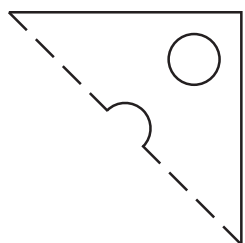
PAPERFOLDING—SUPPLY

Here are four sheets of paper that have been folded along the dotted line. Draw each as it will look when unfolded.

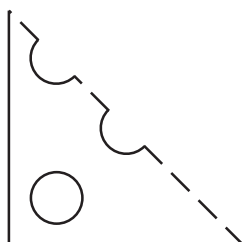
B-172



B-173



B-174



B-175

