Name_____ Class_____ Date_____

Practice 9-4

Symmetry

Tell whether each three-dimensional object has rotational symmetry about a line and/or reflectional symmetry in a plane.

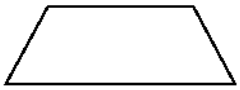
1.

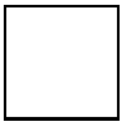
2.

3.

4.

Draw all lines of symmetry for each figure.

5. 

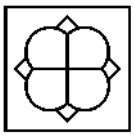
6. 

7.

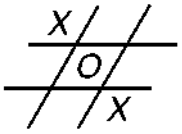
Judging from appearance, tell what type(s) of symmetry each figure has. If it has line symmetry, sketch the figure and the line(s) of symmetry. If it has rotational symmetry, state the angle of rotation.

8.

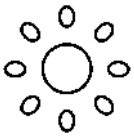
9.

10. 

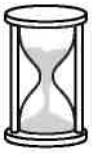
11.

12. 

13.

14. 

15.

16. 

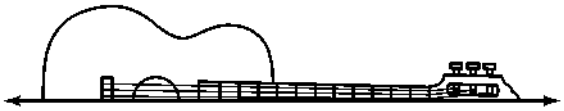
Each diagram shows a figure folded along a line of symmetry. Sketch the unfolded figure.

17.

18.

19.

20.

21. 

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