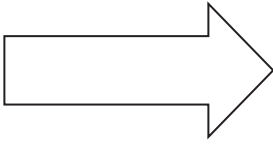


9-5 Practice

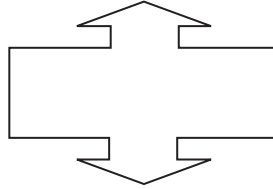
Symmetry

State whether the figure has line symmetry. Write *yes* or *no*. If so, draw all lines of symmetry and state their number.

1.



2.

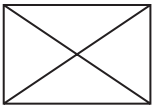


3.

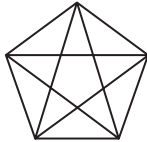


State whether the figure has rotational symmetry. Write *yes* or *no*. If so, locate the center of symmetry and state the order and magnitude of symmetry.

4.



5.

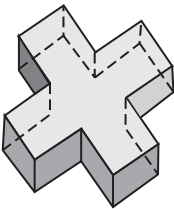


6.

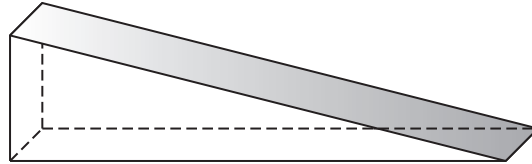


State whether the figure has *plane* symmetry, *axis* symmetry, *both*, or *neither*.

7.



8.



9. STEAMBOATS A paddle wheel on a steamboat is driven by a steam engine that rotates the paddles attached to the wheel to propel the boat through the water. If a paddle wheel consists of 18 evenly spaced paddles, identify the order and magnitude of its rotational symmetry.