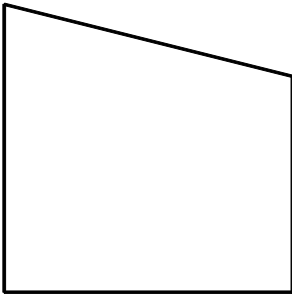
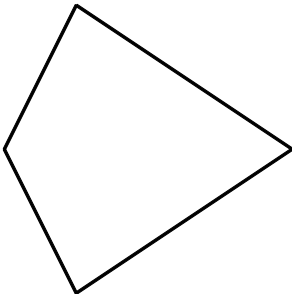


NAME: _____

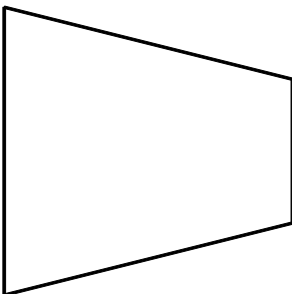
1. State whether the following figure has reflectional symmetry, rotational symmetry, both kinds of symmetry, or neither kind of symmetry.



2. State whether the following figure has reflectional symmetry, rotational symmetry, both kinds of symmetry, or neither kind of symmetry.

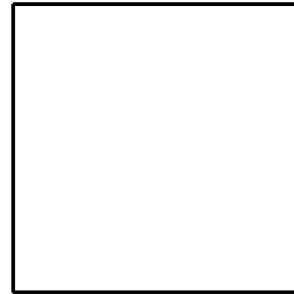


3. State whether the following figure has reflectional symmetry, rotational symmetry, both kinds of symmetry, or neither kind of symmetry.

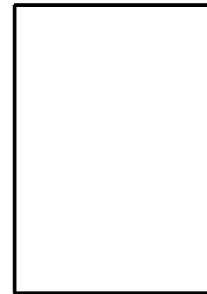


4. An oval cooking pan has two identical handles, one on each end. Draw a top view of the pan and determine what, if any, symmetry it has.

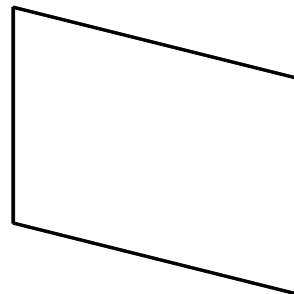
5. State whether the following figure has reflectional symmetry, rotational symmetry, both kinds of symmetry, or neither kind of symmetry.



6. State whether the following figure has reflectional symmetry, rotational symmetry, both kinds of symmetry, or neither kind of symmetry.



7. State whether the following figure has reflectional symmetry, rotational symmetry, both kinds of symmetry, or neither kind of symmetry.



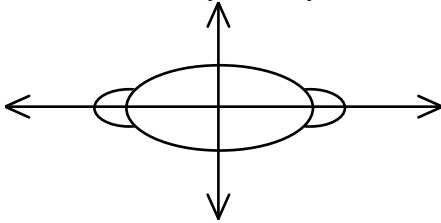
8. Given a 3-dimensional figure, it may be possible to find a plane of symmetry that divides it into two congruent parts. How many planes of symmetry does a sphere have?

[1] neither

[2] reflection

[3] reflection

It has reflectional and rotational symmetry along the two lines of symmetry shown.



[4] _____

[5] both

[6] both

[7] rotation

[8] infinitely many