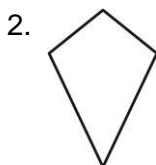


Symmetry Homework

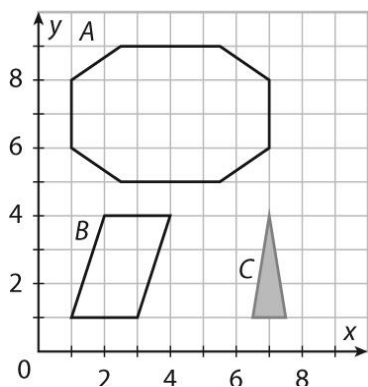
Tell whether each figure appears to have line symmetry, rotational symmetry, both, or neither. If line symmetry, tell how many lines of symmetry. If rotational symmetry, give the angles of rotational symmetry.



5. How many lines of symmetry does a regular pentagon have? _____

6. How many lines of symmetry does a regular hexagon have? _____

Use the figures on the grid to answer Problems 7 – 9.

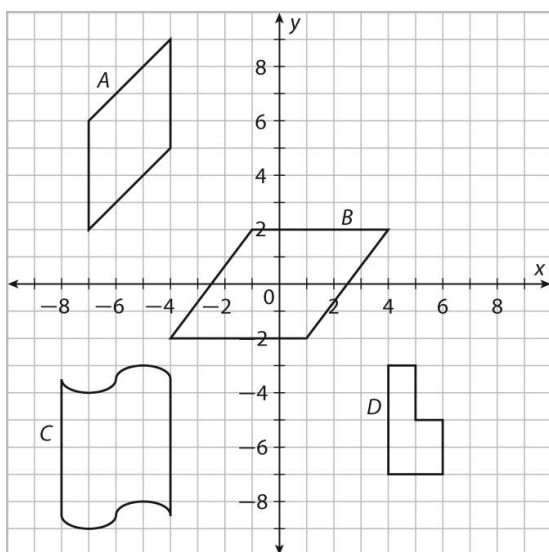


7. What are the equation(s) of the lines of symmetry for figure A?

8. Does figure B have line symmetry, rotational symmetry, or both?

9. What are the equation(s) of the lines of symmetry for figure C? _____

Use the figures on the grid to answer questions 10-12.



10. Does figure D have line symmetry, rotational symmetry, both, or neither? Explain your answer.

11. What are the equations of the lines of symmetry for figure B?

$y =$ _____ $y =$ _____

12. Describe the symmetry of figure C.
