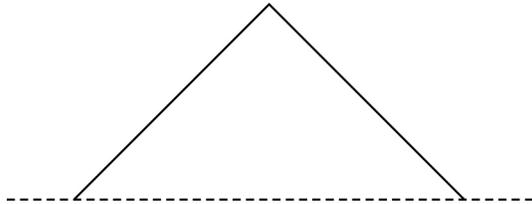


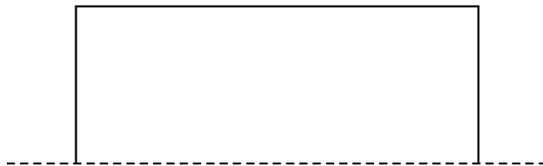
Section 5.3 Extra Practice

1. Each diagram shows one half of a quadrilateral. The dashed line is a line of symmetry. Identify each type of quadrilateral.

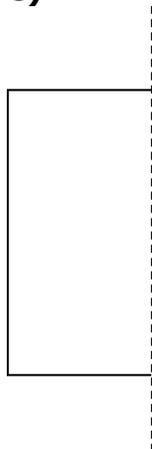
a)



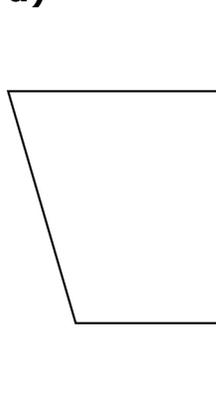
b)



c)



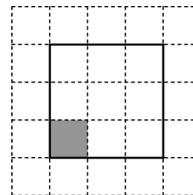
d)



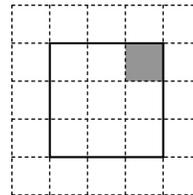
2. For each quadrilateral in #1, copy the diagram. Then, draw the whole shape and add all other lines of symmetry.

3. Shade grid squares so that each large square has the number of lines of symmetry indicated.

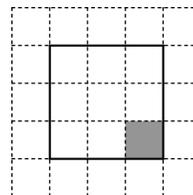
a) 4 lines of symmetry



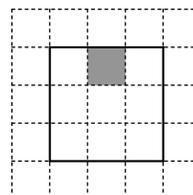
b) 2 lines of symmetry



c) 1 line of symmetry



d) 0 lines of symmetry



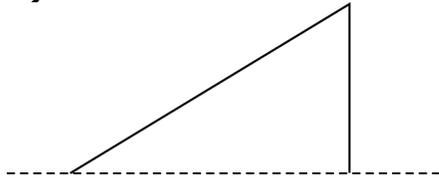
Name: _____

Date: _____

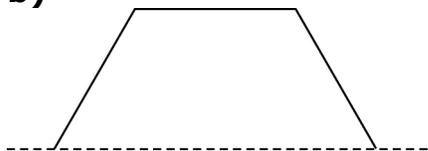
BLM 5-9
(continued)

4. Sketch each indicated logo. Then, draw all lines of symmetry within each logo. Determine how many lines of symmetry each logo has.
- a) a symmetrical automobile logo
 - b) a symmetrical clothing sports logo
 - c) a symmetrical computer company logo

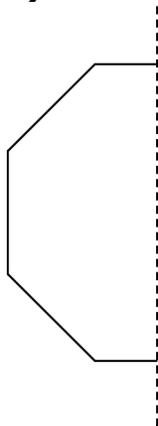
5. Each diagram shows one half of a polygon. The dashed line is a line of symmetry. Identify each type of polygon.
- a)



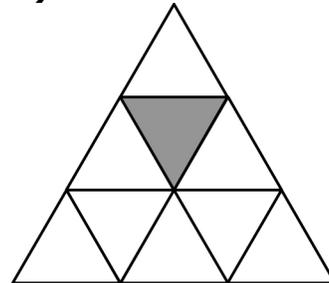
b)



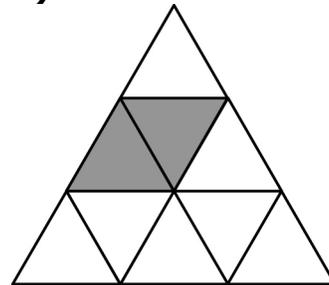
c)



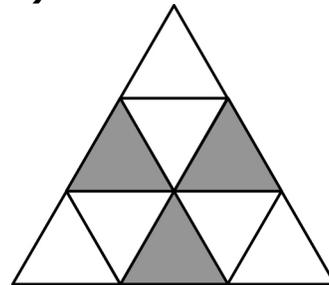
6. For each polygon in #5, draw the whole shape. Then, draw all lines of symmetry.
7. Shade small triangles so each large triangle has three lines of symmetry.



b)



c)



8. List 2-D logos you have seen with
- a) exactly one line of symmetry
 - b) exactly two lines of symmetry
 - c) an infinite number of lines of symmetry

