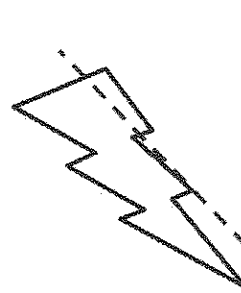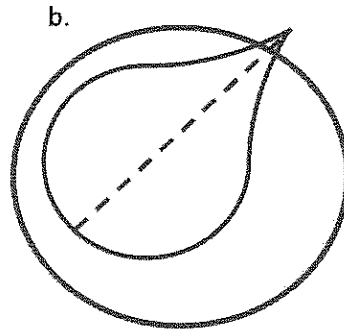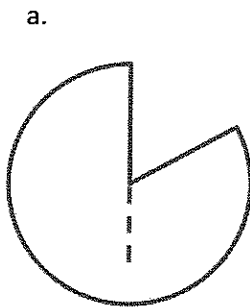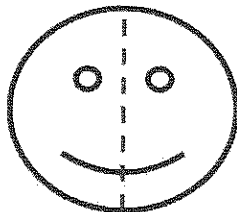## G4-M4-Lesson 12

> I can tell parts (b) and (d) each have a line of symmetry because the figure in each part is the same on both sides of the line.

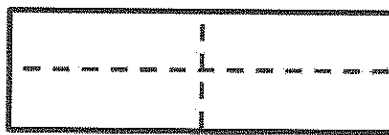1. Circle the figures that have a correct line of symmetry drawn.

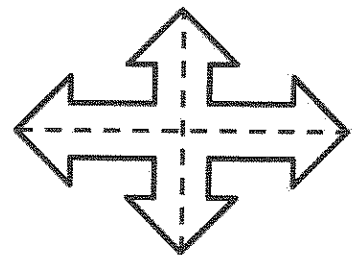a.                      b.                      c.                      d.
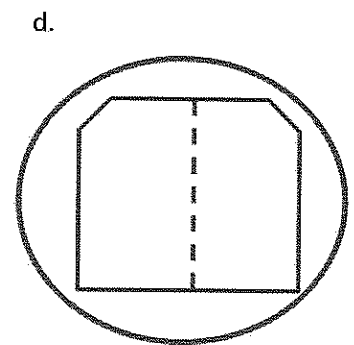
2. Find and draw all lines of symmetry for the following figures. Write the number of lines of symmetry that you found in the blank underneath the shape.

a. ___1___                          b. ___2___                          c. ___2___

> I think about folding these shapes in half many different ways. If the shapes match where I fold them, that is a line of symmetry.

**EUREKA MATH**   Lesson 12:   Recognize lines of symmetry for given two-dimensional figures. Identify     17
                              line-symmetric figures, and draw lines of symmetry.

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3.  Half of the figure below has been drawn.  Use the line of symmetry, represented by the dashed line, to complete the figure.
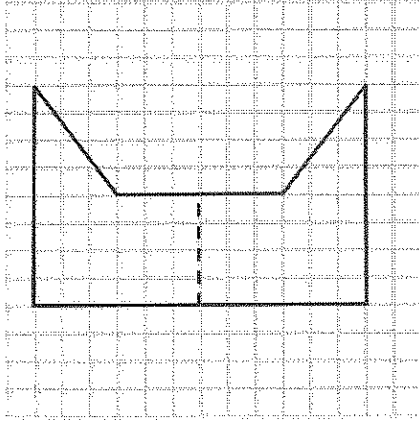


> I use the grid to help me complete the figure.  I count how many units long each segment is, and then I draw segments of the same length for the other half of the figure.  I draw the sides that follow the grid lines first, and then I make the diagonal line.

**Lesson 12:**     Recognize lines of symmetry for given two-dimensional figures. Identify line-symmetric figures, and draw lines of symmetry.

**EUREKA MATH**