(b) [2 pts] Name the other two rigid motions that were not required in the problem above.

translation, glide reflection

14. Draw examples of the following, if possible. If not, explain why not.

(a) [3 pts] a shape that has rotational symmetry but not reflectional symmetry

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(b) [3 pts] a shape that has both translational and reflectional symmetry

(c) [3 pts] a shape that has at least two lines of symmetry

(d) [2 pts] Does your shape in part 14c have rotational symmetry? Explain.

Yes. Any shape with more than one such line must have rotational symmetry.