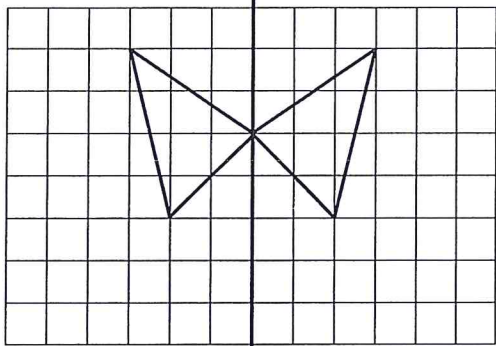
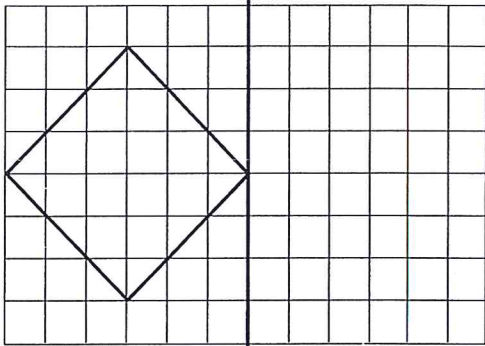
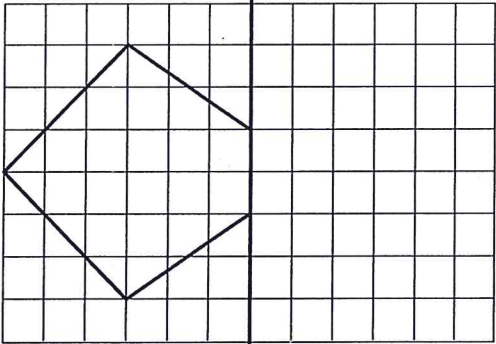
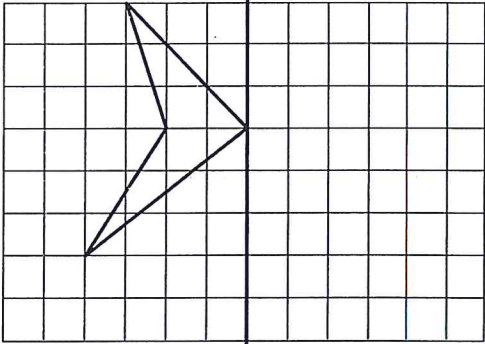


 **Symmetry** page 1 of 2

1 Figures a–c show only half of the designs, on the left side of their lines of symmetry. Complete each design on the right side of the line of symmetry.

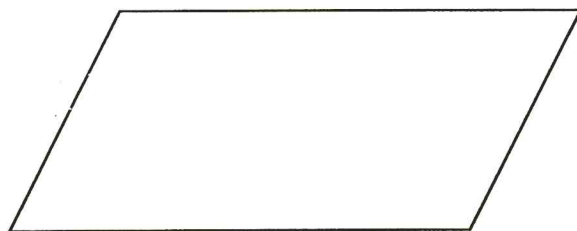
<p>ex</p> 	<p>a</p> 
<p>b</p> 	<p>c</p> 

2 What did you do to make sure that the other half of each design you drew was accurate?

Symmetry page 2 of 2

- 3** Preston says that when a figure has a line of symmetry, the halves on both sides are congruent (exactly the same size and shape). Do you agree or disagree with him? Explain your answer.

- 4** Tasha says that this shape has 4 lines of symmetry. Do you agree or disagree with her? Explain your answer and be sure to draw in any lines of symmetry you can find. (Hint: Trace the figure, cut it out, and fold it before you make your decision.)



- 5** **CHALLENGE** Find a picture in the newspaper, in a magazine, or on the computer that has exactly two lines of symmetry. Attach the picture, and then draw in its lines of symmetry. Explain how you would convince someone that it has exactly two lines of symmetry.