

Name \_\_\_\_\_

# Use Your Logic

**E 6-6**  
**REASONABLENESS**

In the exercises below, use your knowledge of quadrilaterals to determine if the statements presented are true or false. Explain your answers.

1. A square can be a rhombus, and Figure X is a rhombus, so Figure X must be a square.

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2. Figure U is a rhombus, and all rhombuses are parallelograms; therefore, Figure U must be a parallelogram.

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3. A quadrilateral is the term for any four-sided polygon, and Figure C is a trapezoid; therefore, Figure C is a quadrilateral.

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