What is reasoning? To *reason* is to be able to make conclusions from facts in a logical way. Use the activities below to review facts about geometric shapes, place value, and even/odd numbers.

Geometric Shapes

- Draw and cut out paper shapes of rectangles, squares, trapezoids, and triangles.

- Discuss their different properties. For example, talk about the number of equal and unequal sides.

- Ask questions about the shapes. For example, "How are they alike or different?" or "Which do you see more/less of?"

- Create different patterns using the shapes, such as the pattern below.

- Look around your house, apartment, or neighborhood for examples of shapes.

Place Value

- Review the following fact: the place of a digit in a numeral tells its value.

<div align="center">

325

3 has the place value of **hundreds**

2 has the place value of **tens**

5 has the place value of **ones**

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- Look for numbers in everyday experiences. For example, point out the values of page numbers in a book or on a restaurant menu.

- Ask questions about the place value of digits, such as "What place do you think the 3 is in the number 36?"

Even/Odd Numbers

- Review the following facts:

> **Even numbers end with 0, 2, 4, 6, or 8.**
> **Odd numbers end with 1, 3, 5, 7, or 9.**

- Help the child to recognize even/odd numbers in everyday life.

- Ask how the child applied reasoning to his or her recognition.