Reteaching 1-1

Patterns and Inductive Reasoning

OBJECTIVE: Using inductive reasoning to make conjectures

MATERIALS: Pennies

Example

Describe the next two figures in the sequence.

Each pile of pennies has two more than the preceding pile, so the next pile will have seven pennies, followed by a pile of nine pennies.

Exercises

Use pennies to model the next two figures in each sequence. Then draw a sketch of the two new figures. Show a maximum of ten coins in one stack.

1.

2.

3.

4.

5.

6.