





## **Patterning and Algebra**

## IDENTIFY, DESCRIBE AND EXTEND REPEATING, GROWING AND SHRINKING PATTERNS **Student Activities**

Identify and extend repeating patterns ■ Relate each repeating pattern using one attribute to its extension	Identify growing and shrinking patterns that use addition and subtraction  Connect each growing pattern to its extension
<ul> <li>Relate each repeating pattern to its missing term</li></ul>	<ul> <li>Connect each missing term to its growing pattern</li></ul>
to its extension	<ul> <li>Compare each shrinking pattern to its missing term18</li> <li>Connect each shrinking pattern to its corresponding pattern</li></ul>
Identify growing and shrinking patterns that use repeated addition and subtraction of ones, twos, fives, 10s, and 25s  ■ Connect each growing pattern to its missing parts6  ■ Connect each growing pattern by five or ten	The same pattern can be represented in different ways  ■ Compare each coin pattern to its representation
to its extension	<ul> <li>Connect each pattern to its representation</li></ul>
to its missing part	to its corresponding pattern24

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