

Primary Math: Algebra

Patterns, Algebraic Concepts, and Relationships

Patterns, Sequences, and Series

Students	Learning Continuum Statements:
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Students:	
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	RIT 111-120:
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- Copies a repeating AB pattern

Students:	
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	RIT 121-130:
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- Copies a repeating AB pattern
- Extends a repeating AB pattern

Students:	
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	RIT 131-140:
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- Copies a repeating AB pattern
- Copies a repeating ABB pattern
- Extends a repeating AAB pattern
- Extends a repeating AABB pattern
- Extends a repeating AB pattern
- Extends a repeating ABB pattern
- Extends a repeating ABC pattern

Students:	
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	RIT 141-150:
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- Extends a repeating AAB pattern
- Extends a repeating AABB pattern
- Extends a repeating AABC pattern
- Extends a repeating AB pattern
- Extends a repeating ABB pattern
- Extends a repeating ABC pattern
- Extends a repeating ABCD pattern
- Identifies the repeating core in an AAAB pattern
- Identifies the repeating core in an AAB pattern
- Identifies the repeating core in an AB pattern

Students:	
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	RIT 151-160:
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- Extends a repeating ABB pattern
- Extends a repeating ABC pattern
- Identifies the repeating core in an ABB pattern
- Identifies the repeating core in an ABCC pattern

Students:**RIT 161-170:**

- Creates a new pattern with the same AAB structure as a pattern shown
- Creates a new pattern with the same ABB structure as a pattern shown
- Extends a decreasing pattern with objects based on the "one less" rule
- Extends a number sequence based on the "add 2" rule
- Identifies the repeating core in an ABC pattern
- Identifies the repeating core in an ABCC pattern

Students:**RIT 171-180:**

- Extends a decreasing pattern with objects based on the "one less" rule
- Extends a decreasing pattern with objects based on the "two less" rule
- Extends a growing pattern with objects based on the "one more" rule
- Extends a growing pattern with objects based on the "two more" rule
- Extends a number sequence based on the "add 2" rule
- Extends a number sequence based on the "add 4" rule
- Identifies the "add 1" rule in a growing pattern of objects
- Identifies the "add 2" rule in a growing pattern of objects
- Identifies the "add 2" rule in a number sequence
- Identifies the "add 4" rule in a number sequence
- Identifies the "subtract 1" rule in a decreasing pattern of objects
- Identifies the "subtract 2" rule in a number sequence
- Identifies the repeating core in an ABCC pattern

Students:**RIT 181-190:**

- Determines the missing output in a function table
- Determines the rule for a function table
- Extends a decreasing pattern with objects based on the "one less" rule
- Extends a decreasing pattern with objects based on the "two less" rule
- Extends a growing pattern with objects based on the "one more" rule
- Extends a growing pattern with objects based on the "two more" rule
- Extends a number sequence based on the "add 2" rule
- Extends a number sequence based on the "add 3" rule
- Extends a number sequence based on the "add 4" rule
- Identifies the "add 1" rule in a number sequence
- Identifies the "add 2" rule in a number sequence
- Identifies the "add 3" rule in a number sequence
- Identifies the "add 4" rule in a number sequence
- Identifies the "add 5" rule in a number sequence
- Identifies the "subtract 1" rule in a decreasing pattern of objects
- Identifies the "subtract 1" rule in a number sequence
- Identifies the "subtract 4" rule in a number sequence
- Identifies the "subtract 5" rule in a number sequence

Students:**RIT 191-200:**

- Determines the missing output in a function table
- Determines the rule for a function table
- Extends a number sequence based on the "add 3" rule
- Extends a number sequence based on the "add 4" rule
- Identifies the "add 3" rule in a growing pattern of objects
- Identifies the "add 3" rule in a number sequence
- Identifies the "add 5" rule in a number sequence
- Identifies the "subtract 1" rule in a number sequence
- Identifies the "subtract 3" rule in a number sequence
- Identifies the "subtract 4" rule in a number sequence

Students:**RIT 201-210:**

- Identifies the "add 3" rule in a growing pattern of objects

Students:**RIT 211-220:**

- Extends a number sequence based on the "multiply by 2" rule