

Pattern Recognition Worksheet

12 Puzzles

Difficulty: Medium



Developing Mathematical Thinking Through Patterns

Pattern recognition is a foundational skill for mathematical reasoning. By identifying sequences, predicting what comes next, and understanding repetition, children develop the logical thinking and problem-solving skills essential for algebra, geometry, and everyday reasoning.

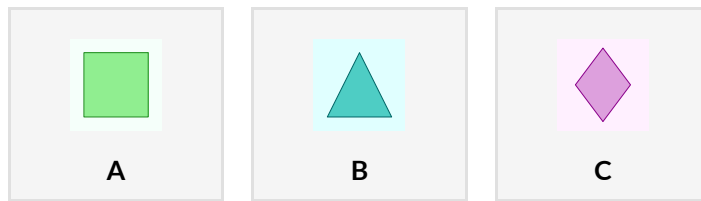
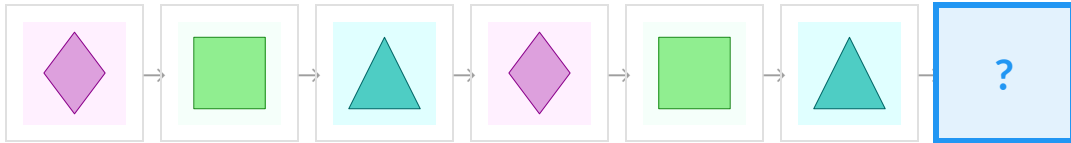
¹ Aligned with early mathematics curriculum focusing on patterns and algebraic thinking.

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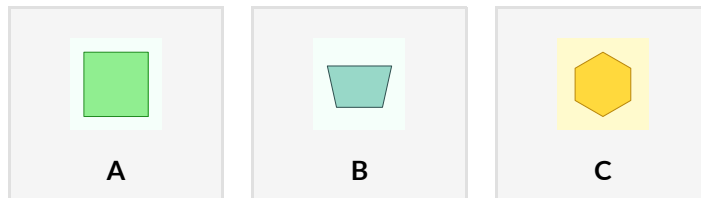
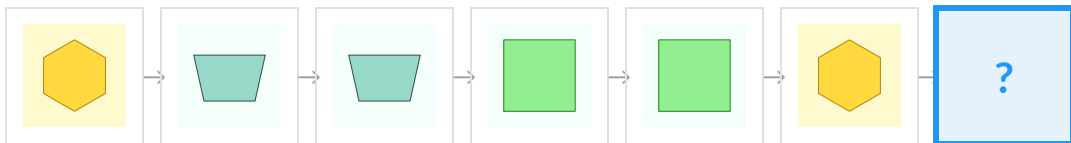
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Complete each pattern by circling the correct shape:

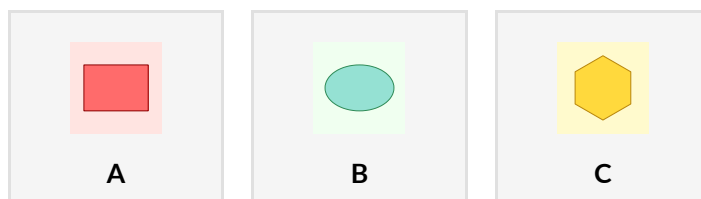
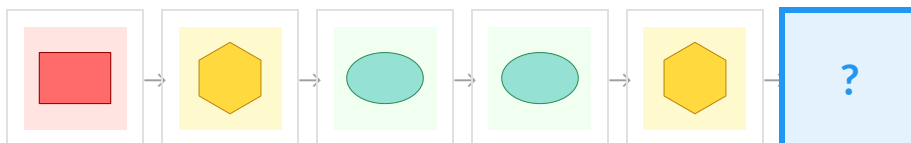
1.



2.



3.

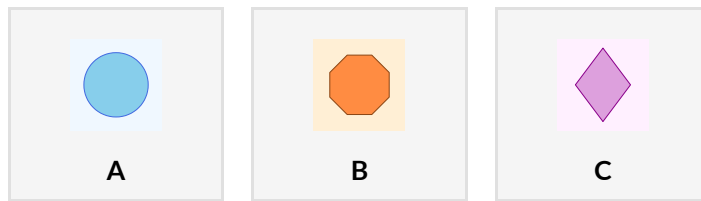
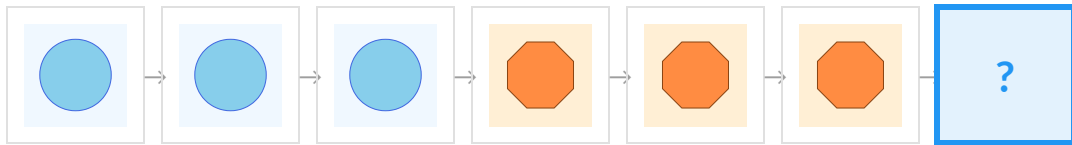


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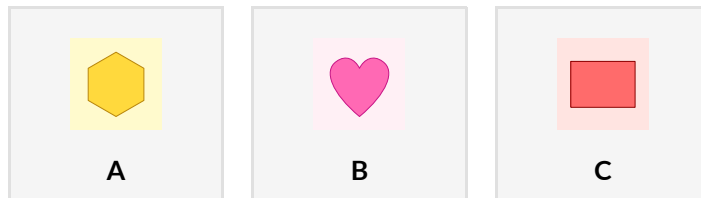
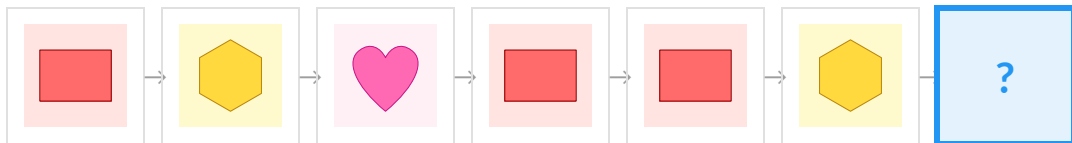
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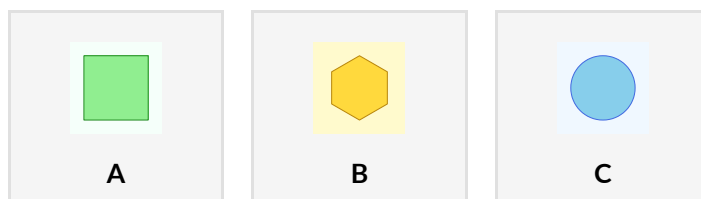
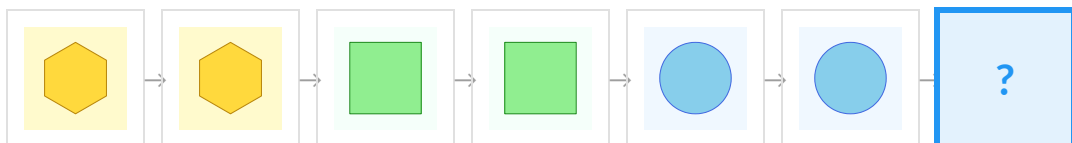
4.



5.



6.

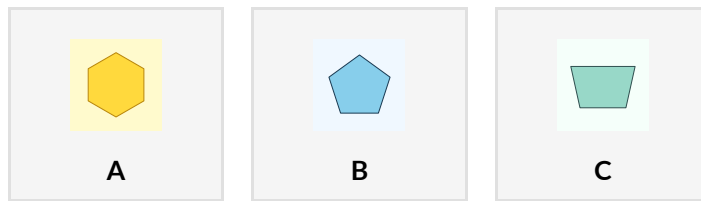
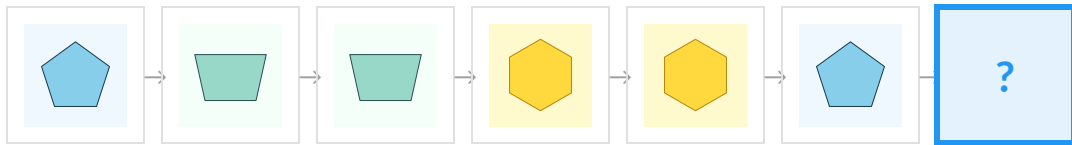


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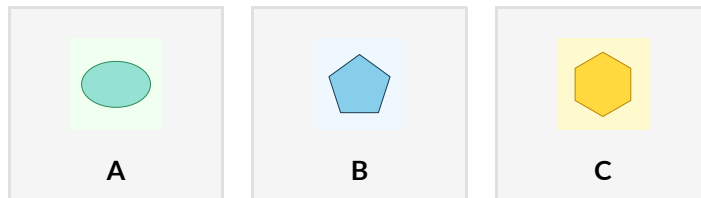
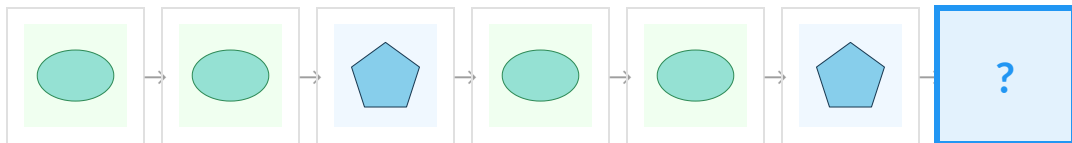
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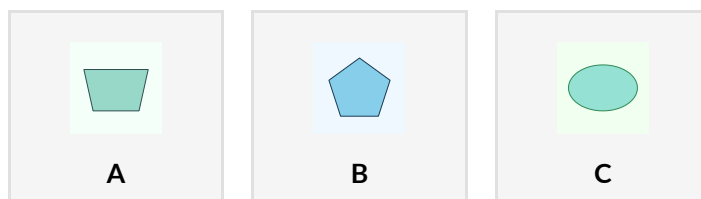
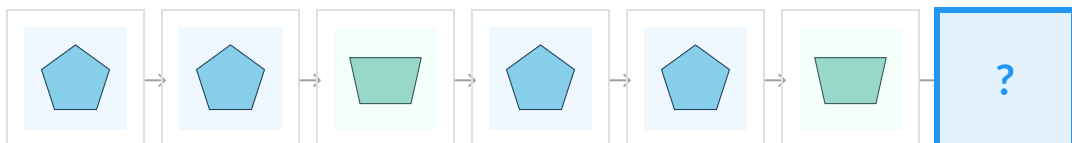
7.



8.



9.

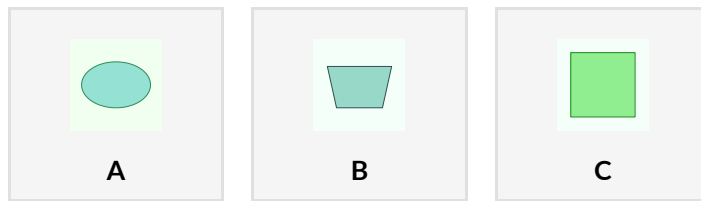
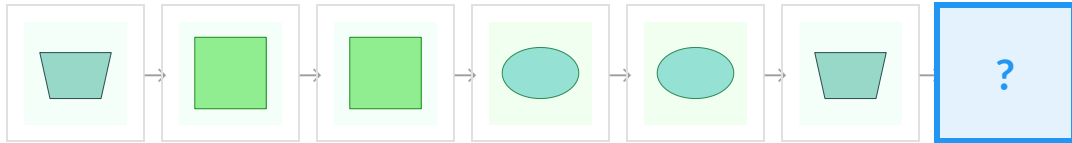


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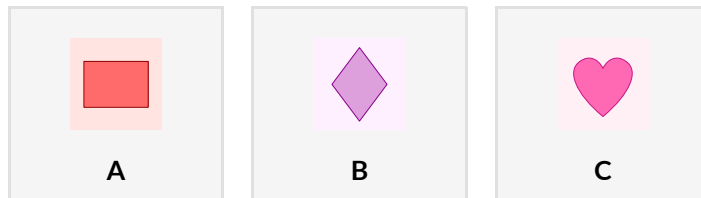
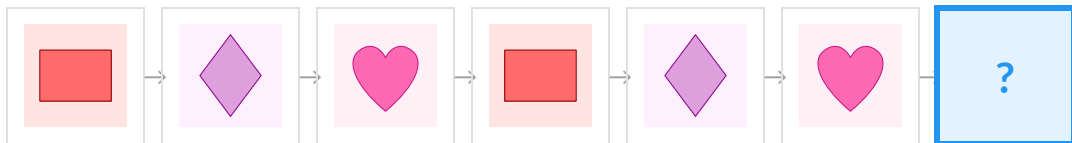
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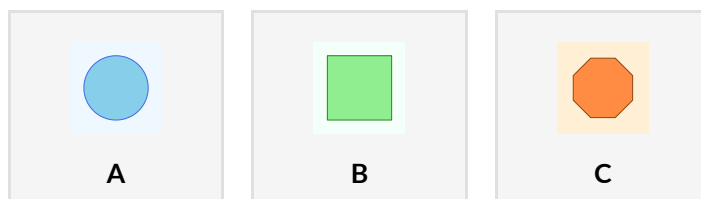
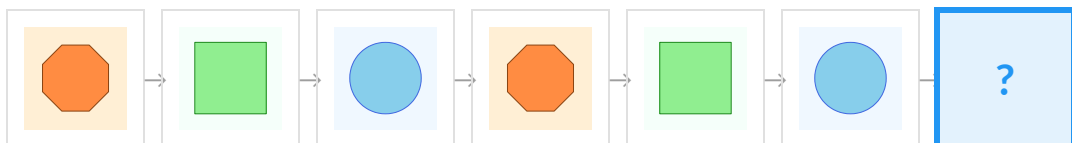
10.



11.



12.



Answer Key

#	Pattern Type	Answer	Shape
1	Alternating	C	Diamond
2	ComplexRepeat	B	Trapezium
3	Mirror	A	Rectangle
4	TripleRepeat	C	Diamond
5	Growing	A	Hexagon
6	DoubleRepeat	B	Hexagon
7	ComplexRepeat	C	Trapezium
8	Stutter	A	Oval
9	Stutter	B	Pentagon
10	ComplexRepeat	C	Square
11	Sequence	A	Rectangle
12	Alternating	C	Octagon