

Challenge Series Patterns

Medium Length

100 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.

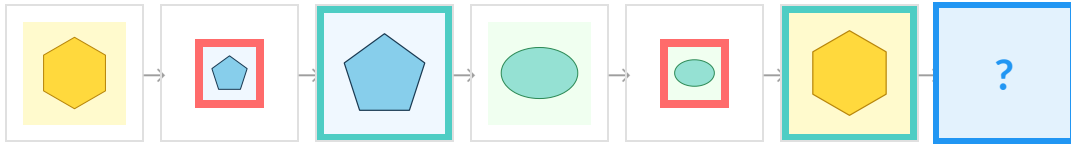
¹ Aligned with early mathematics curriculum focusing on patterns and algebraic thinking.

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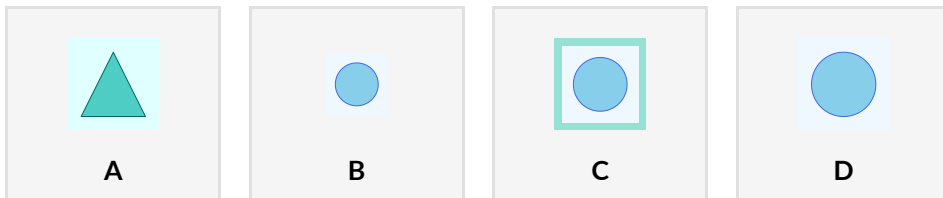
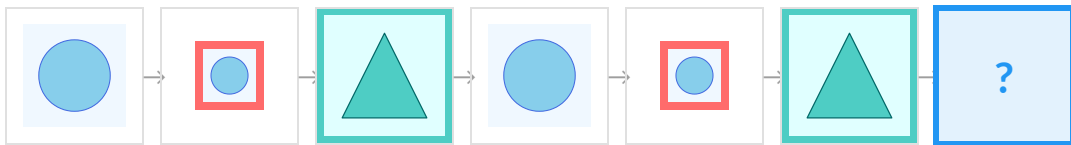
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Complete each pattern by circling the correct shape:

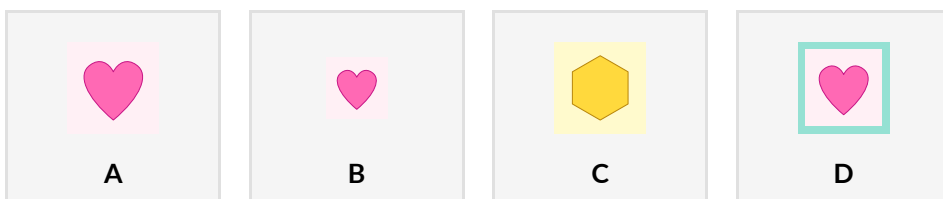
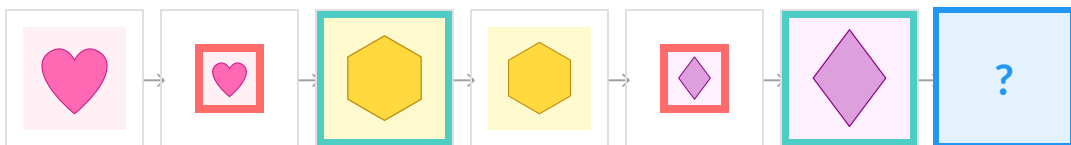
1.



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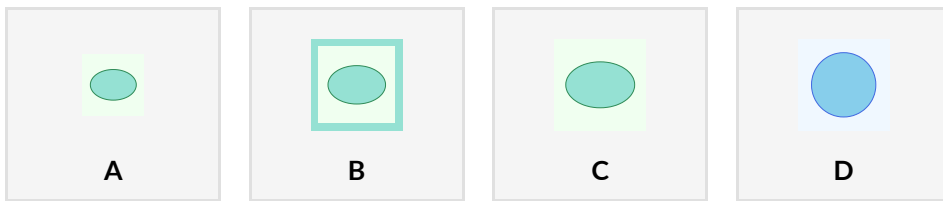
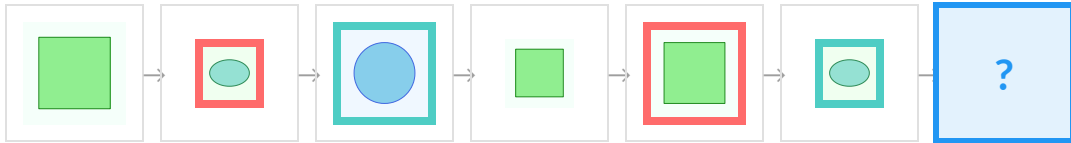


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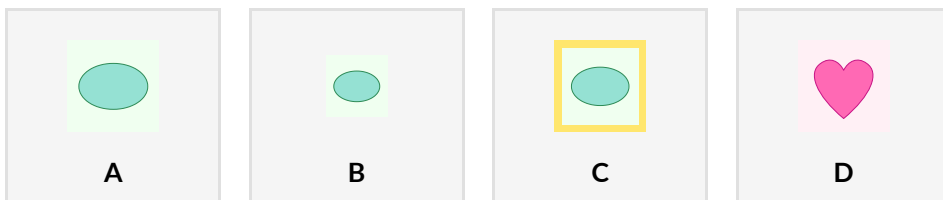
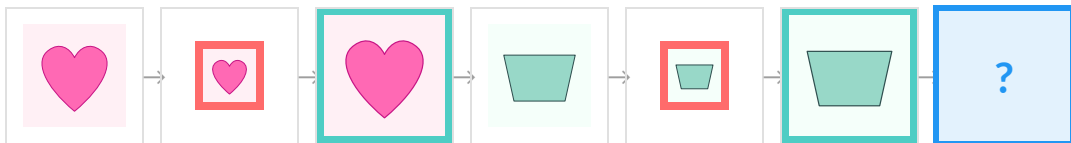
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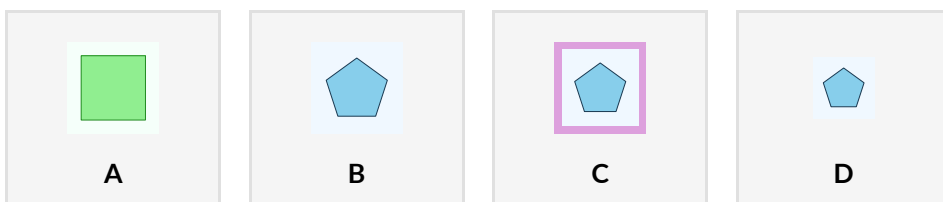
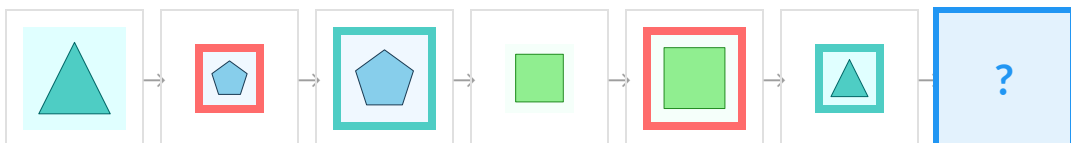
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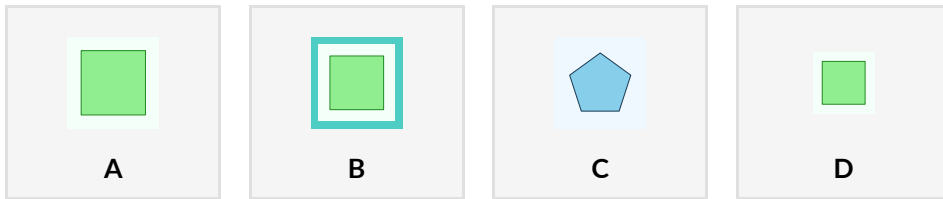
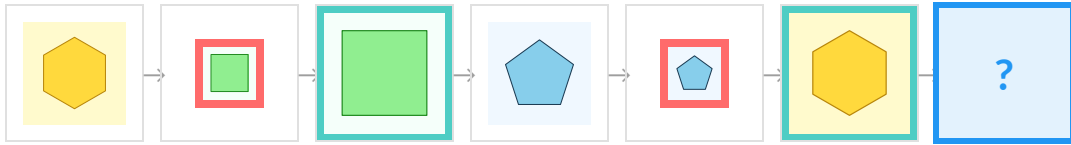


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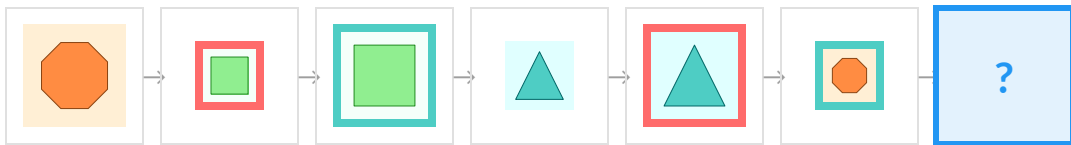
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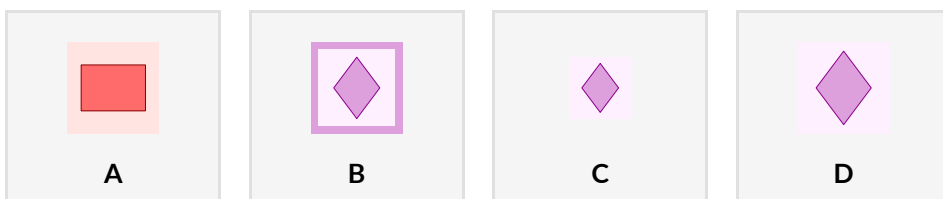
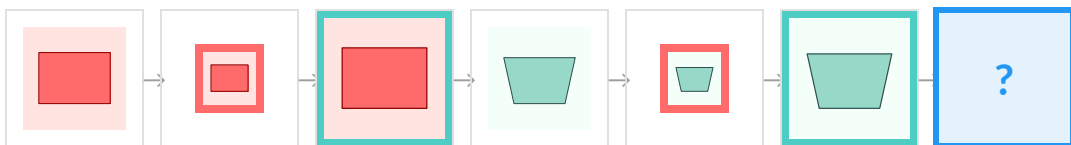
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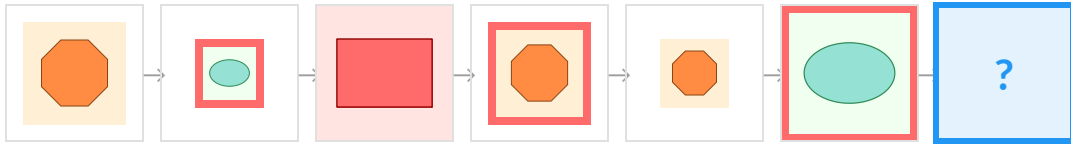


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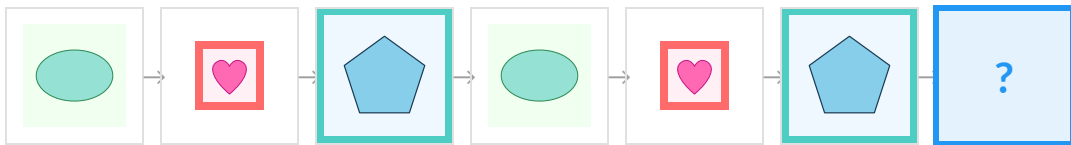
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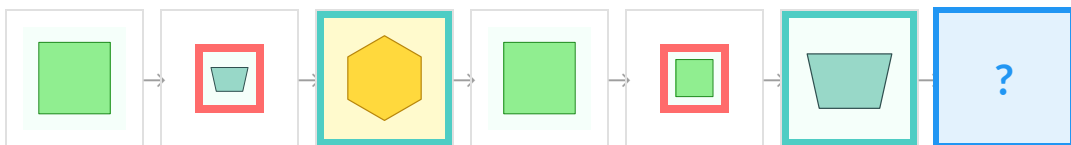
10.



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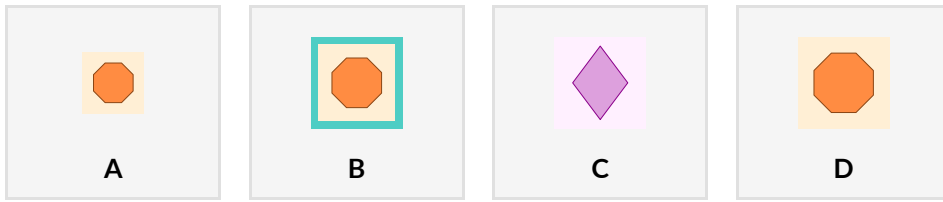
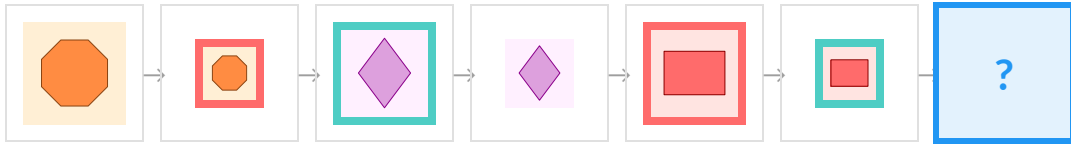


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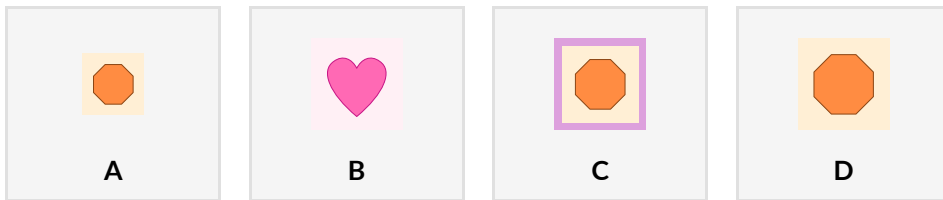
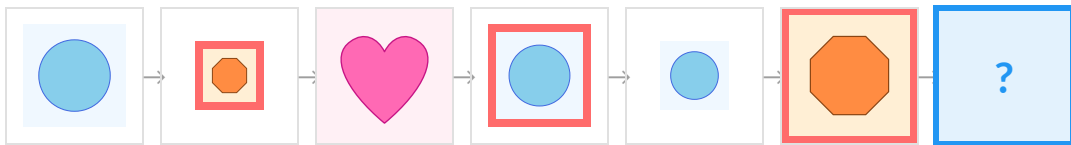
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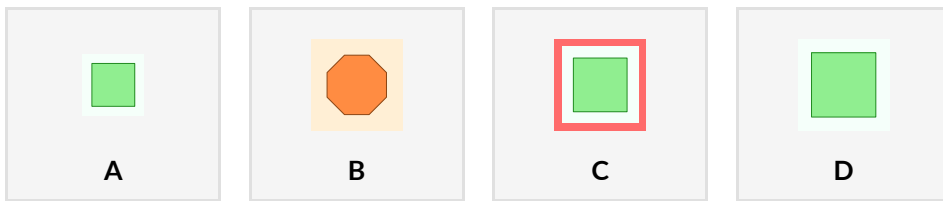
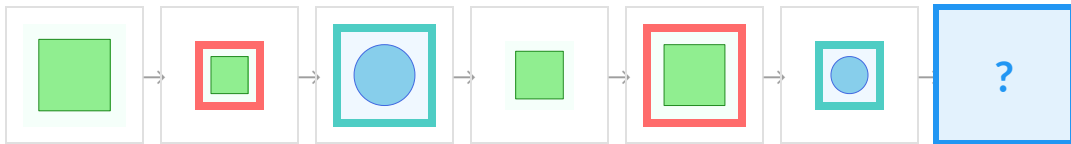
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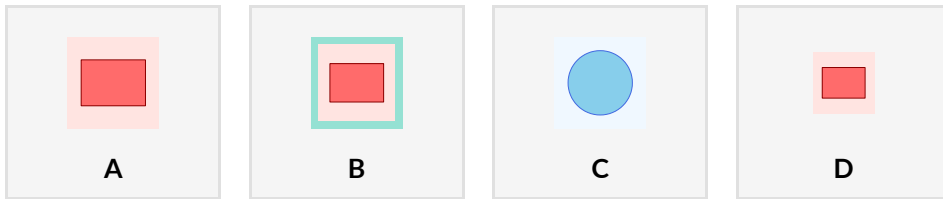
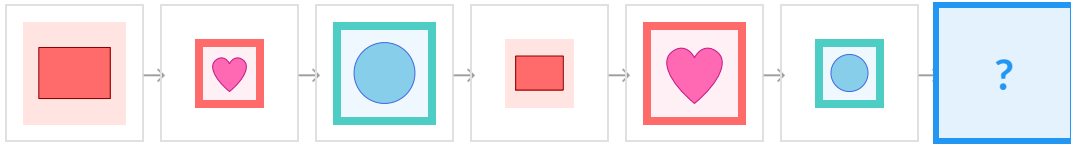


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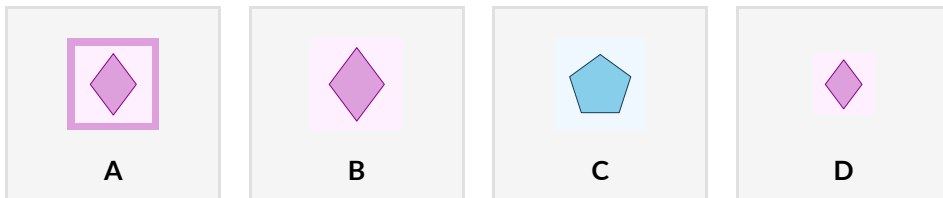
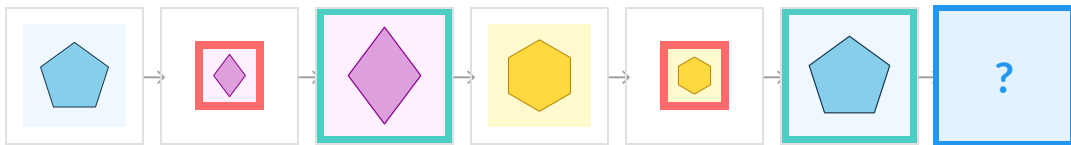
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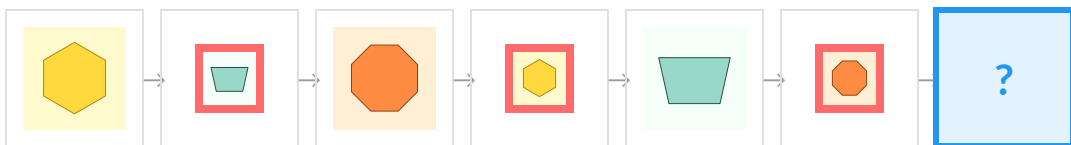
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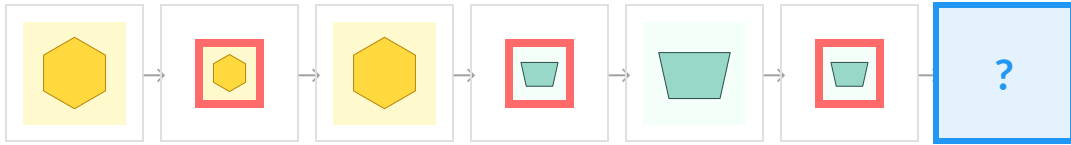


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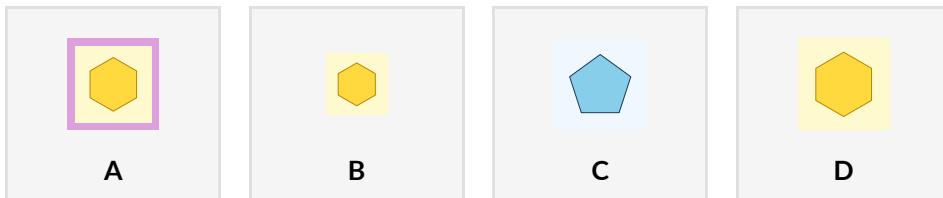
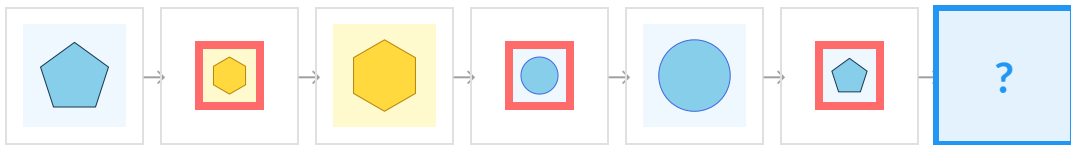
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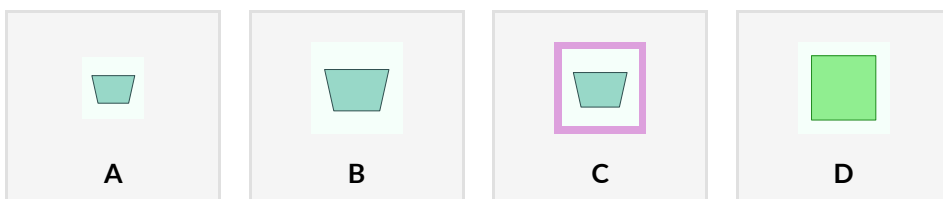
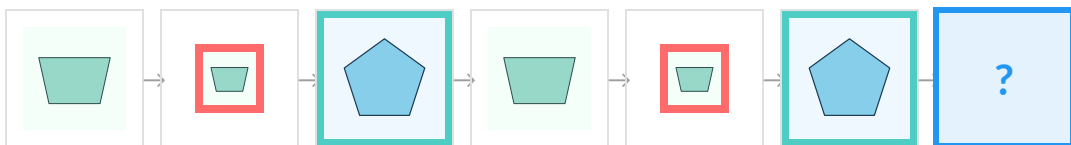
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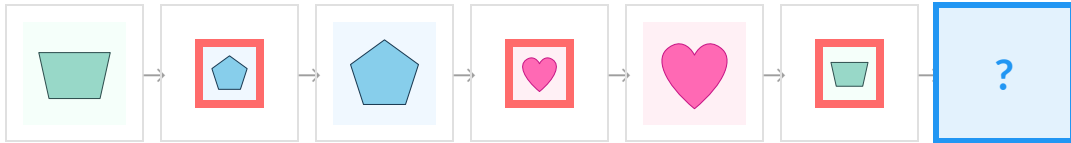


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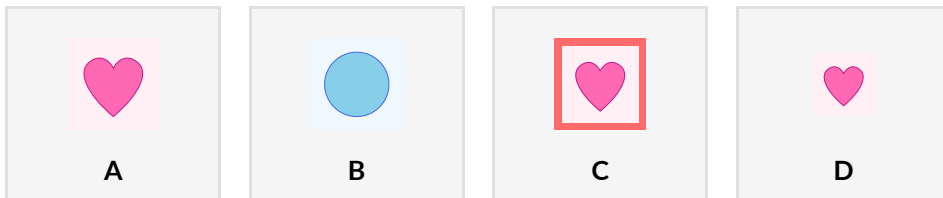
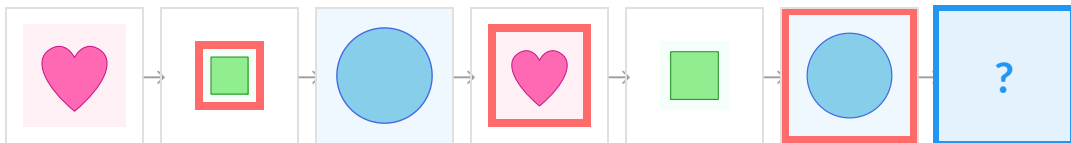
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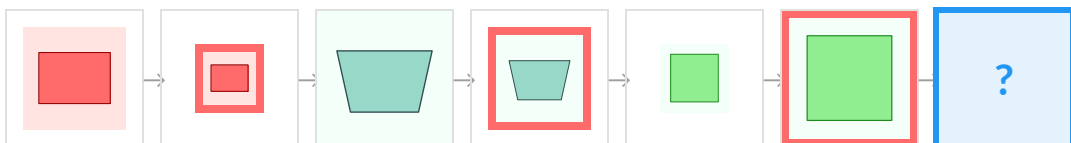
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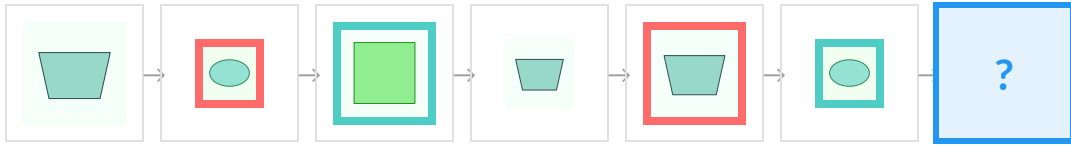


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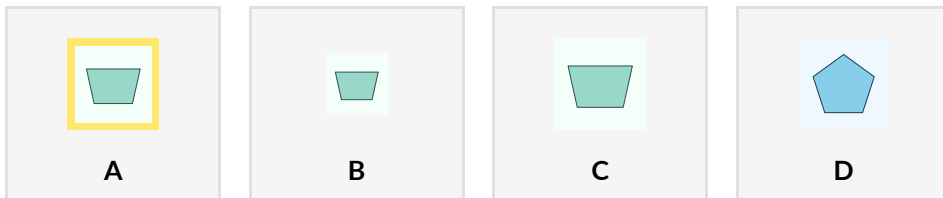
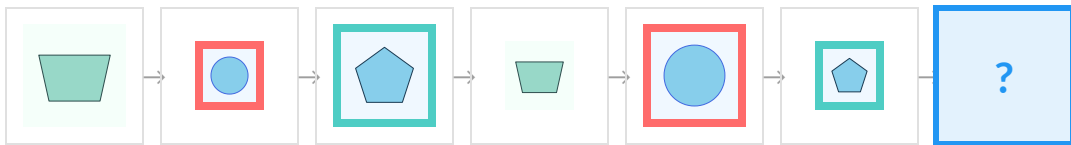
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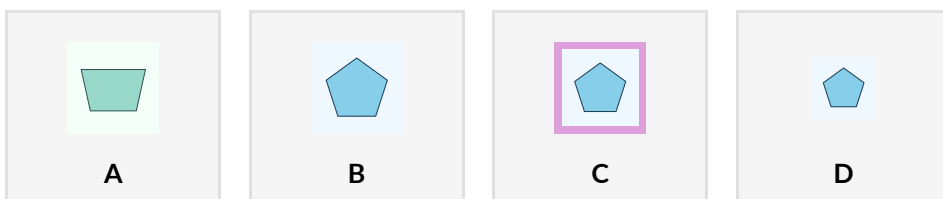
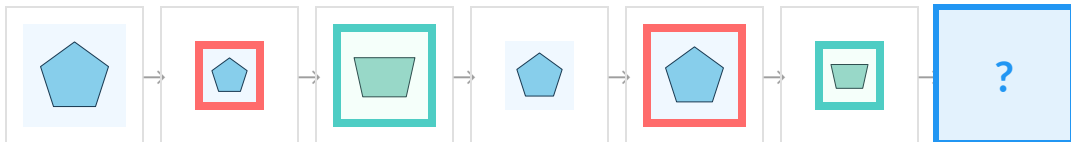
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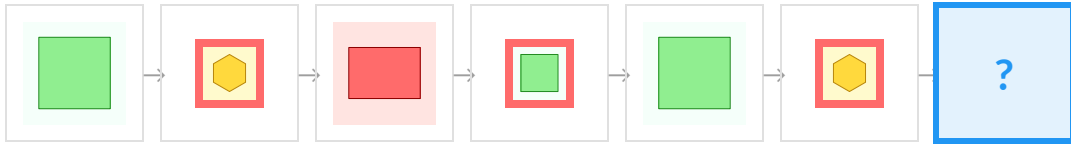


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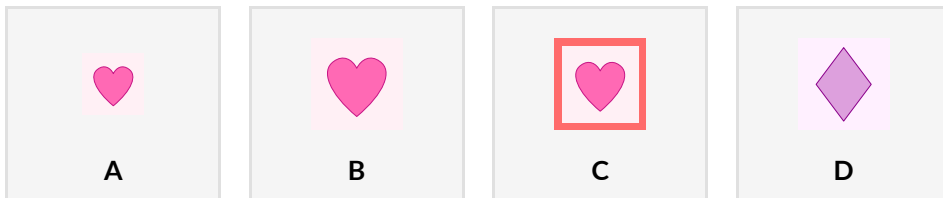
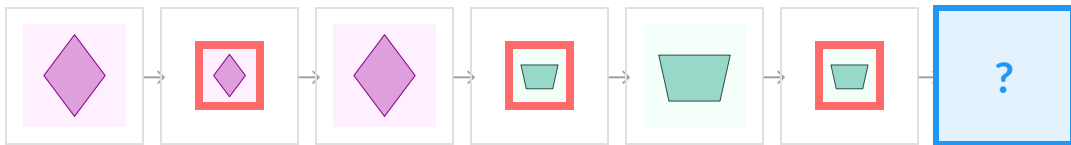
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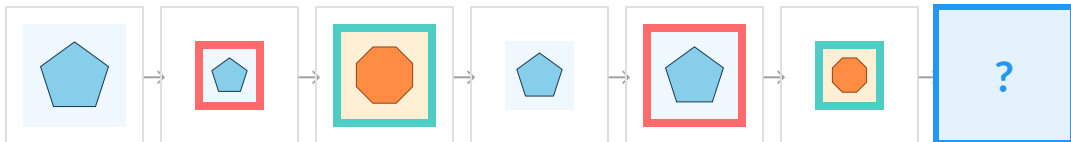
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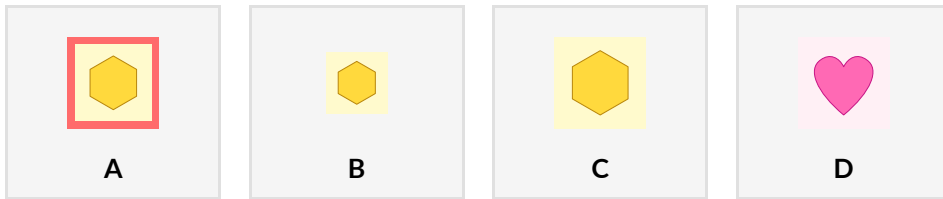
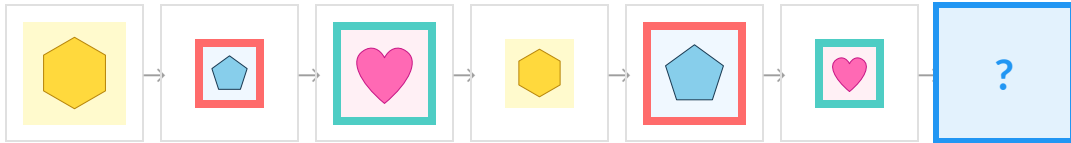


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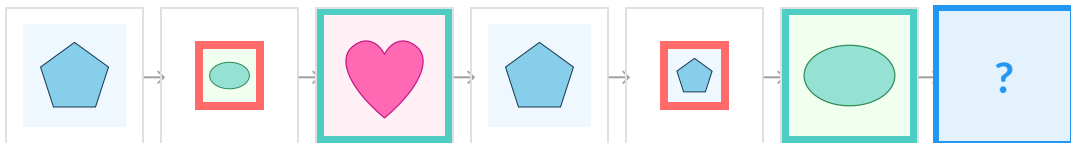
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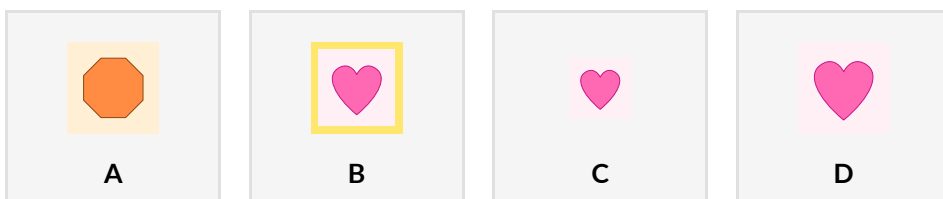
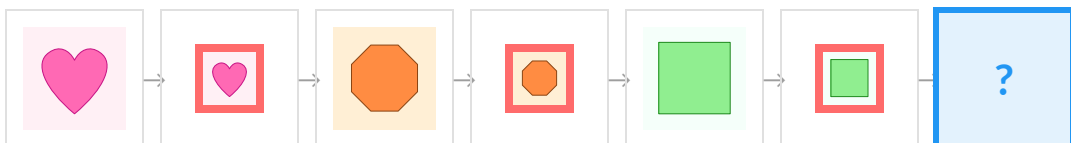
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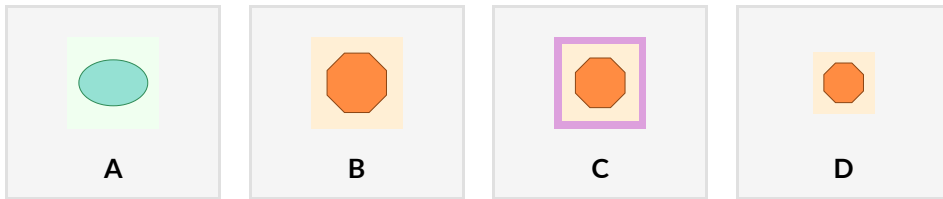
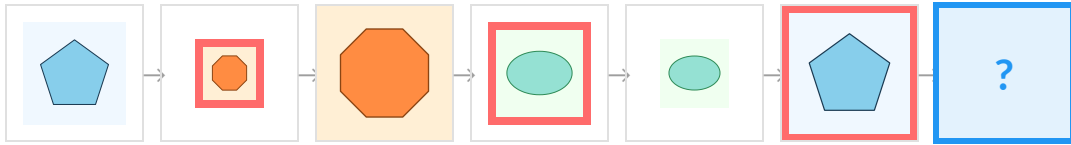


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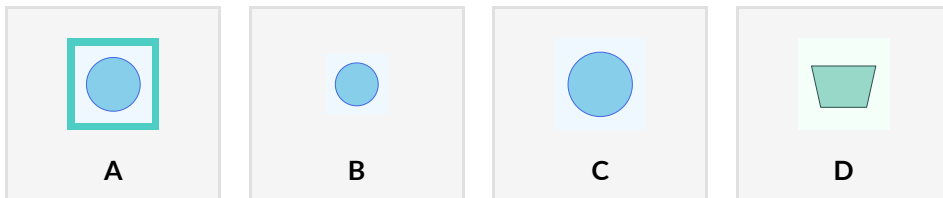
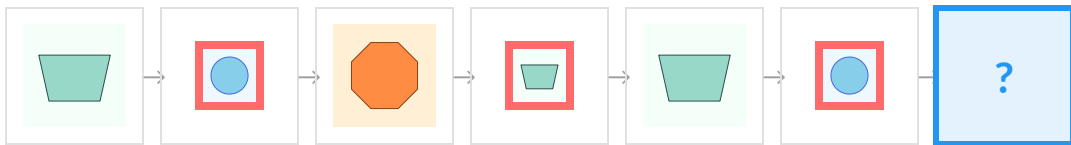
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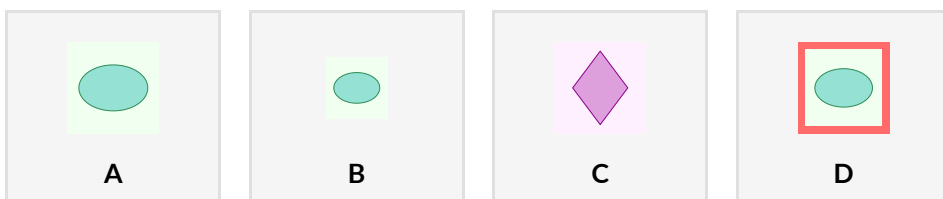
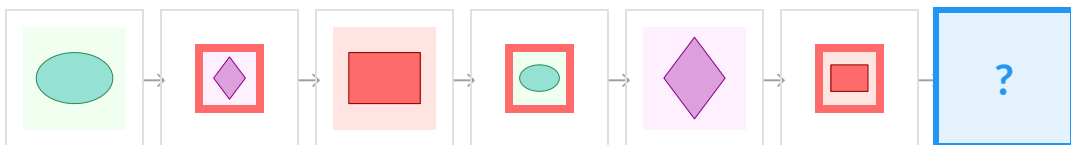
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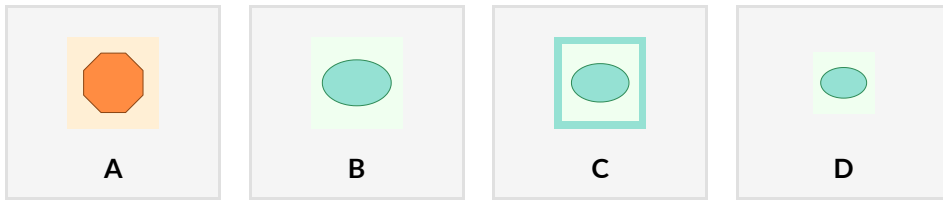
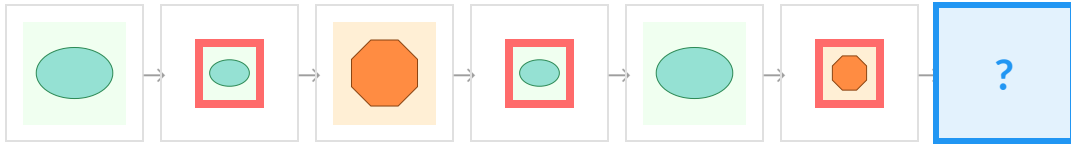


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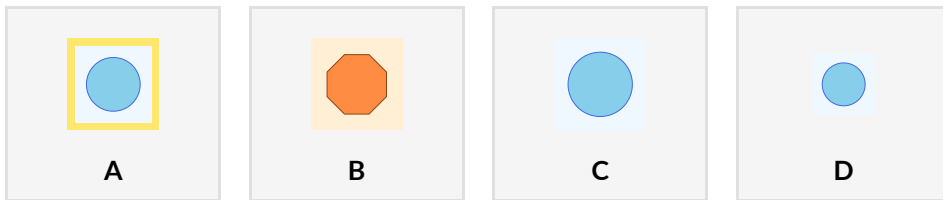
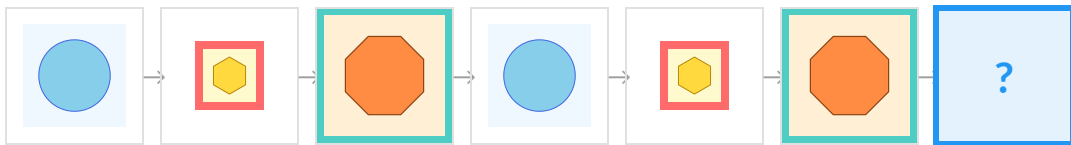
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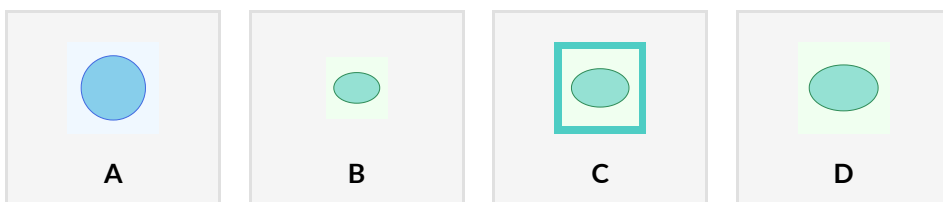
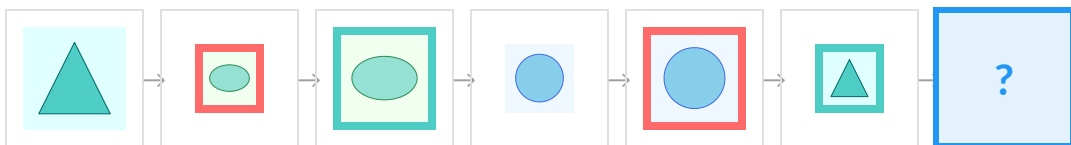
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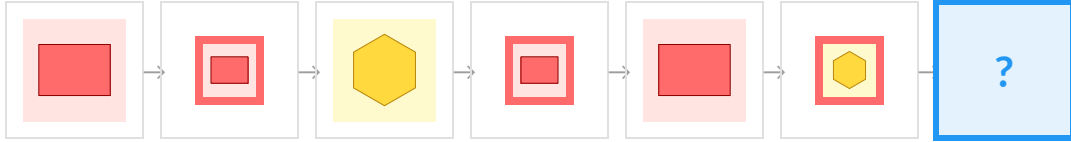


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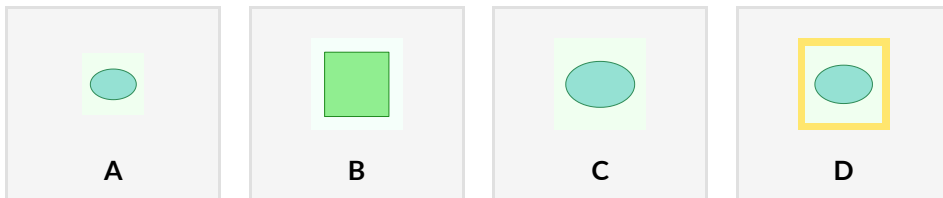
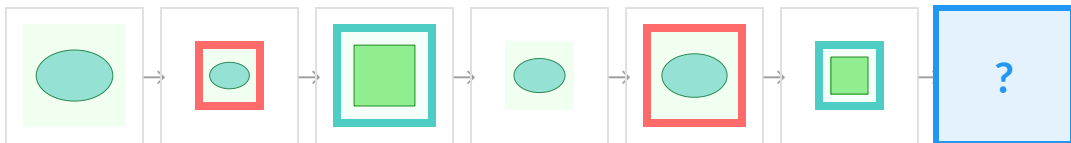
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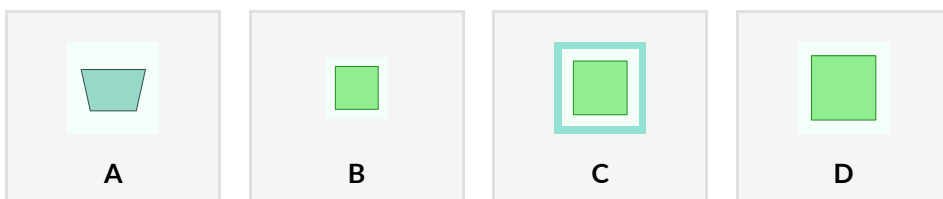
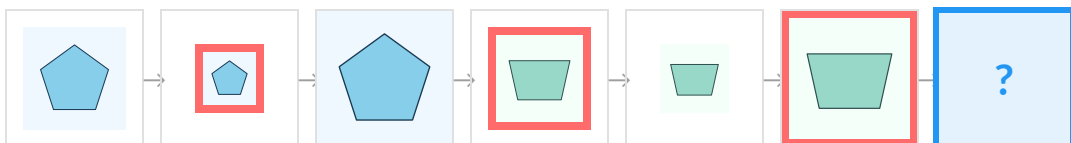
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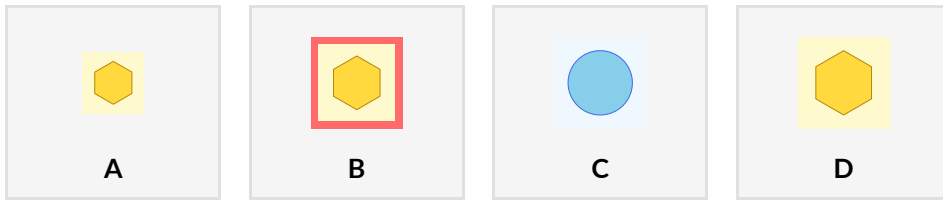
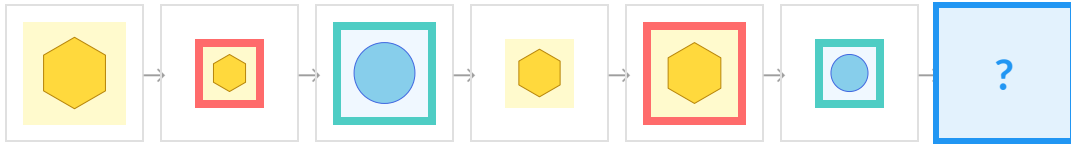


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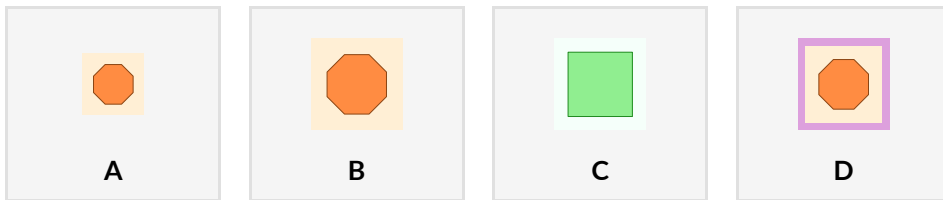
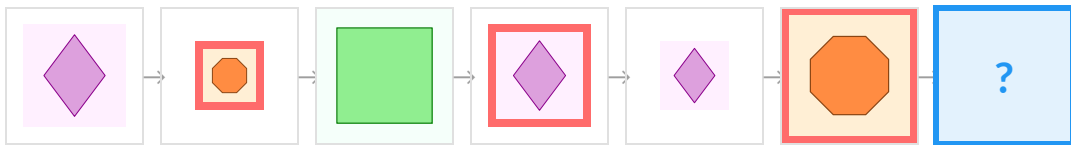
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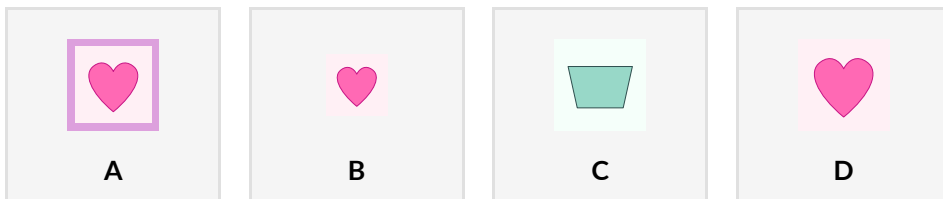
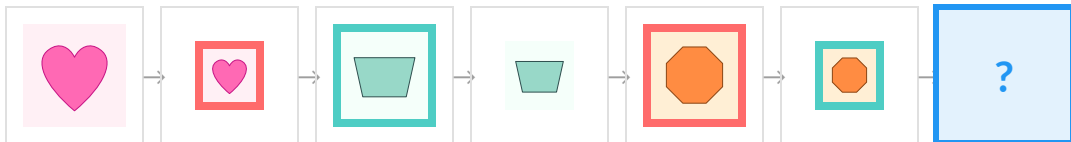
43.



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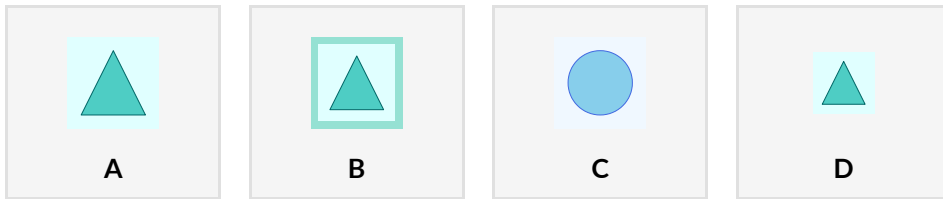
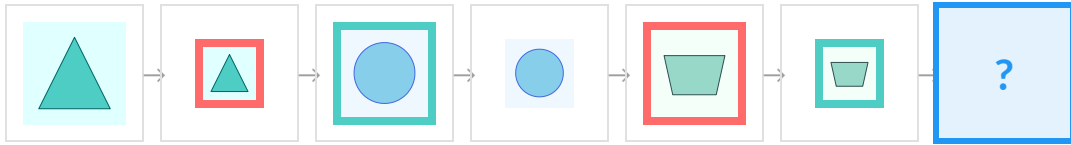


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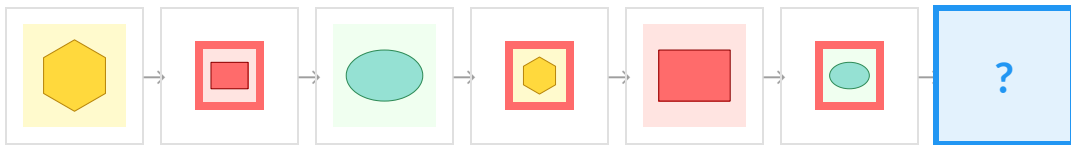
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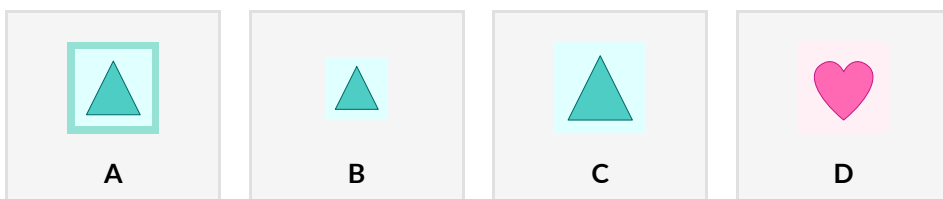
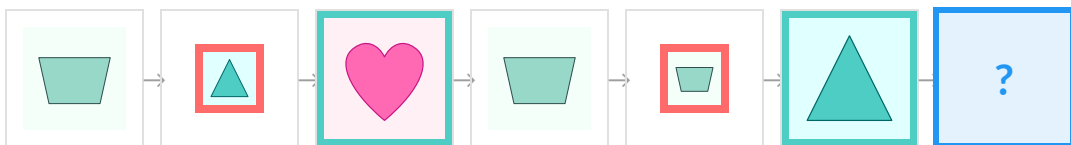
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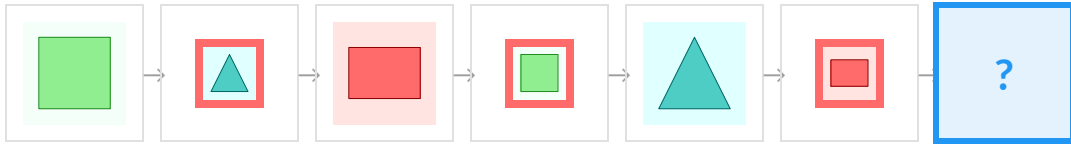


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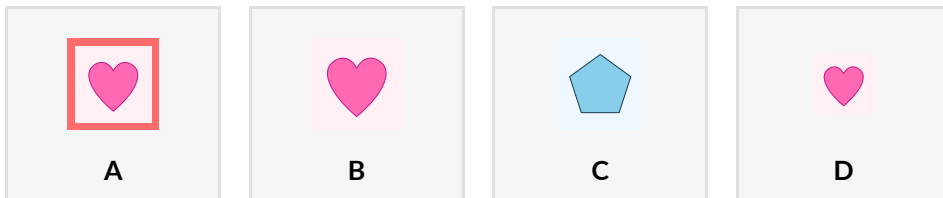
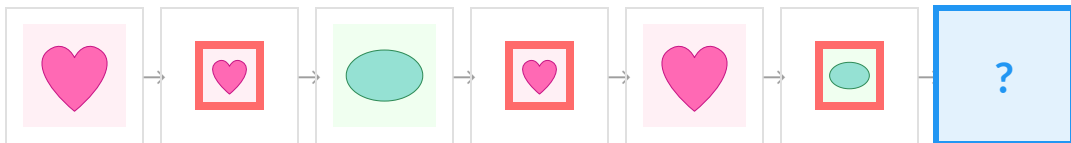
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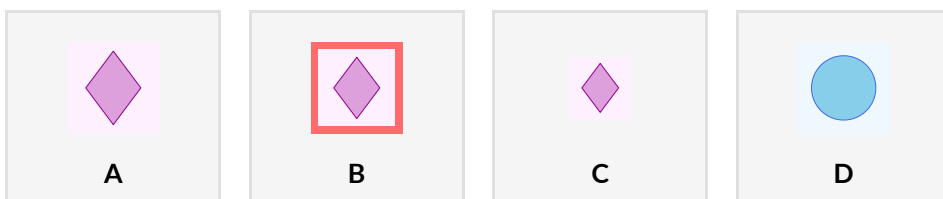
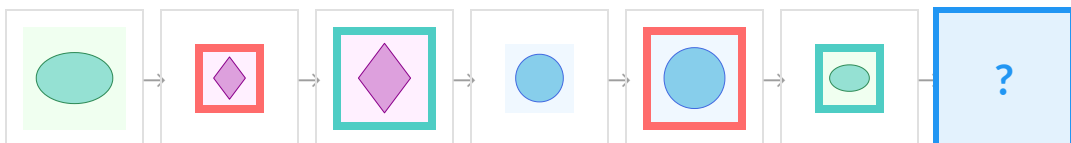
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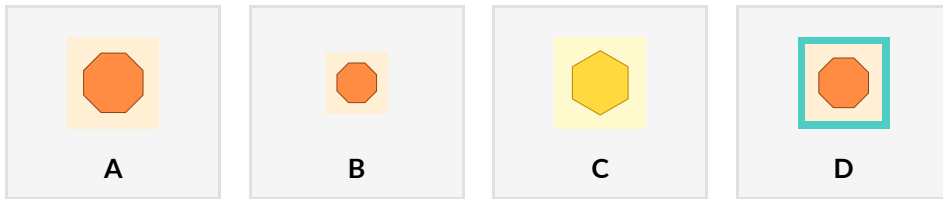
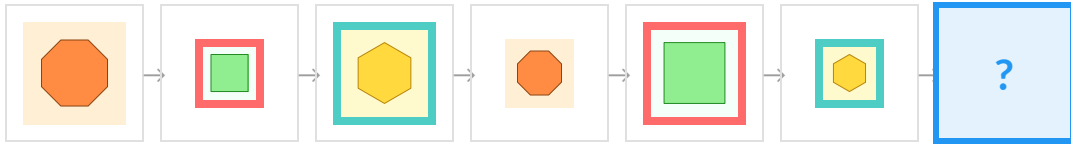


Challenge Series Patterns

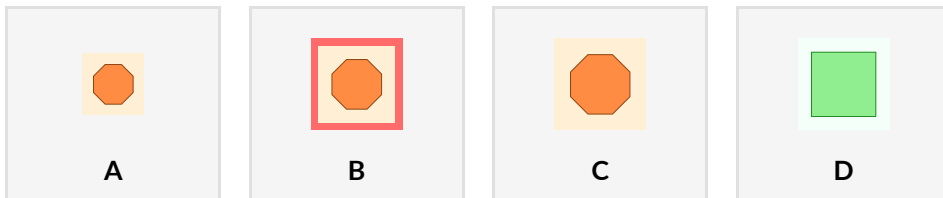
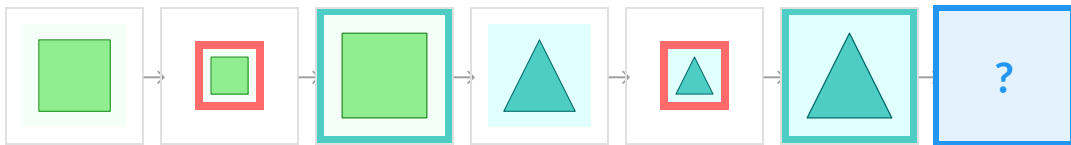
Difficulty: Medium

Complete each pattern by circling the correct shape:

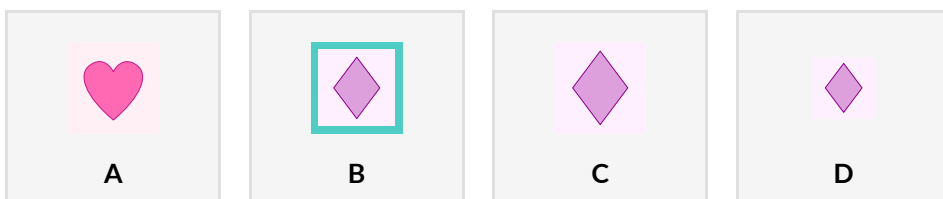
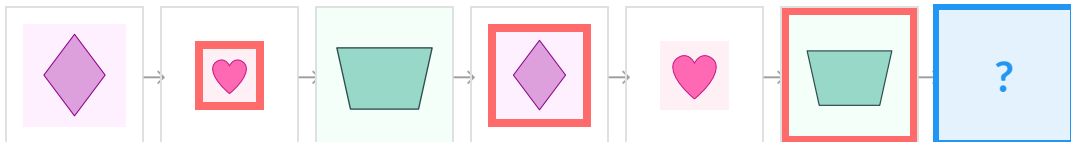
52.



53.



54.

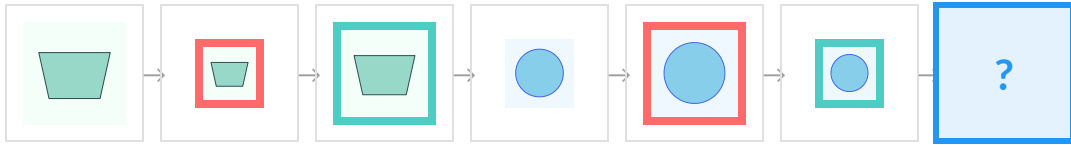


Challenge Series Patterns

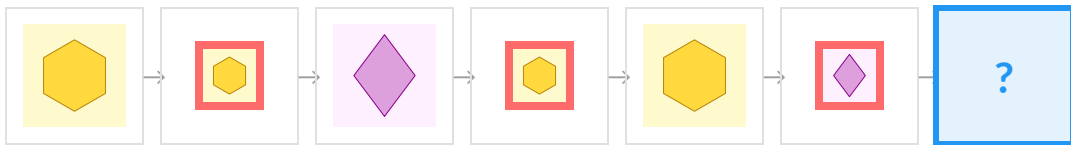
Difficulty: Medium

Complete each pattern by circling the correct shape:

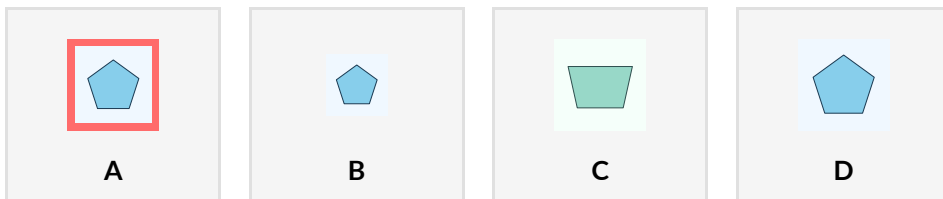
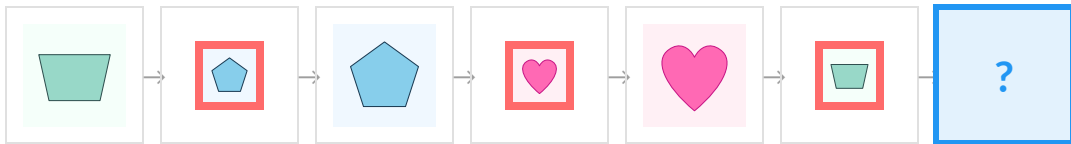
55.



56.



57.

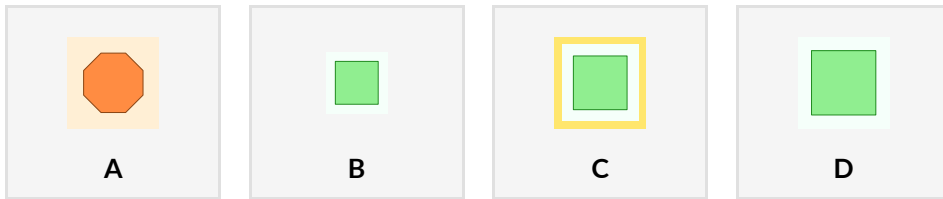
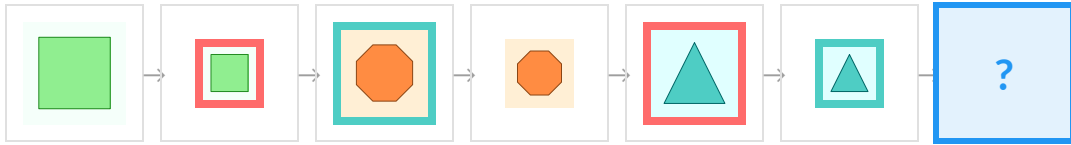


Challenge Series Patterns

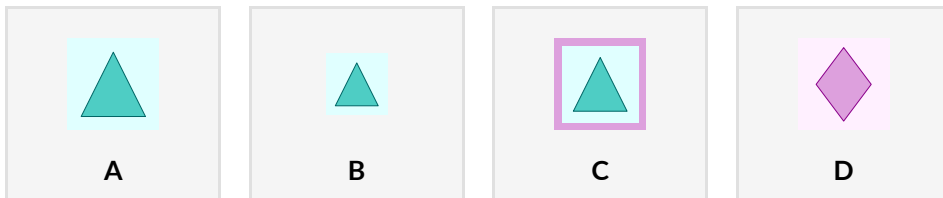
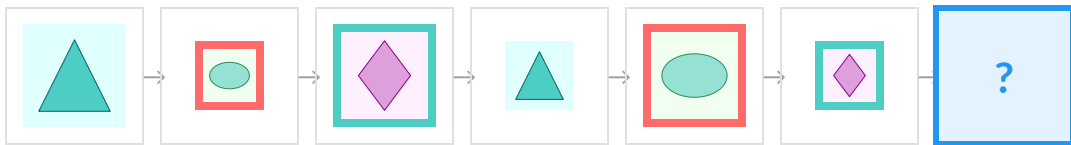
Difficulty: Medium

Complete each pattern by circling the correct shape:

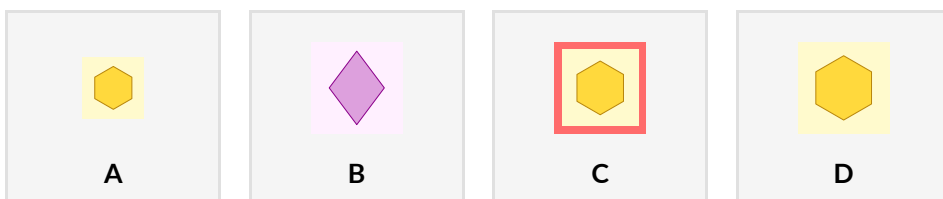
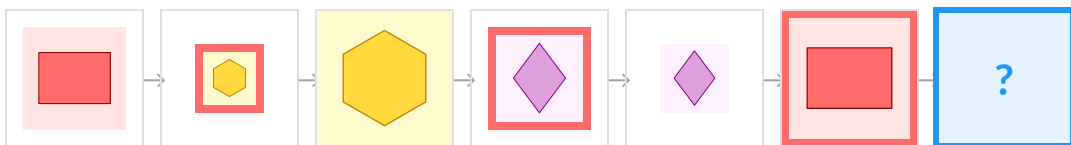
58.



59.



60.

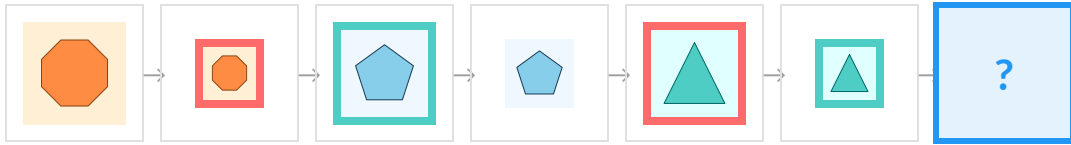


Challenge Series Patterns

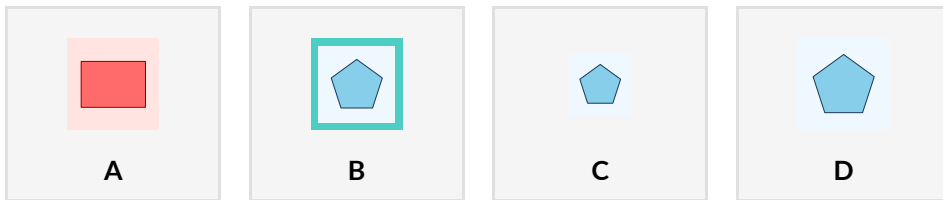
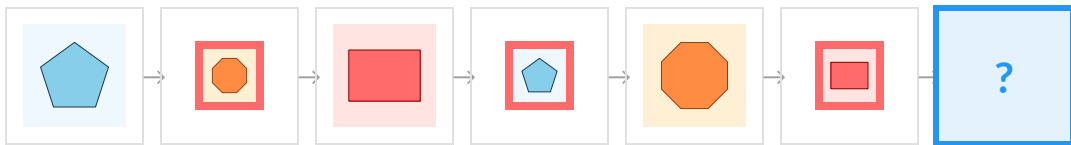
Difficulty: Medium

Complete each pattern by circling the correct shape:

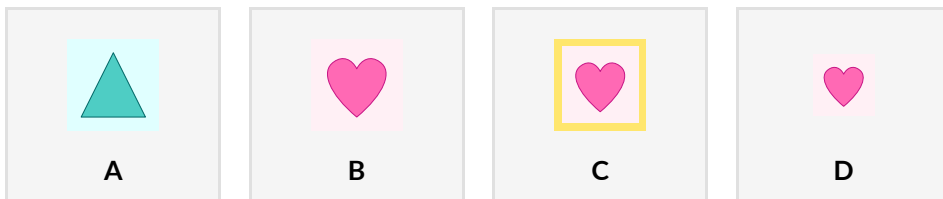
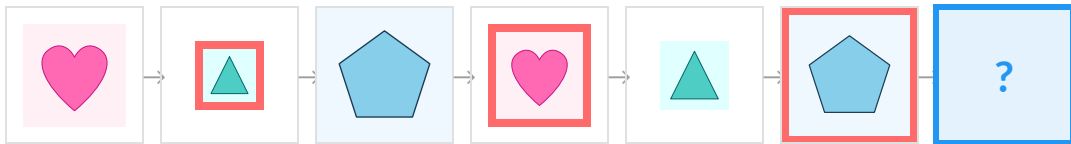
61.



62.



63.

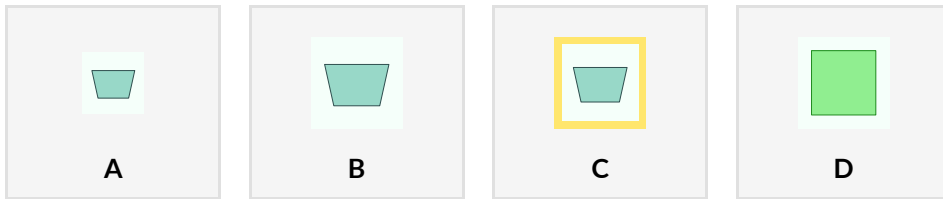
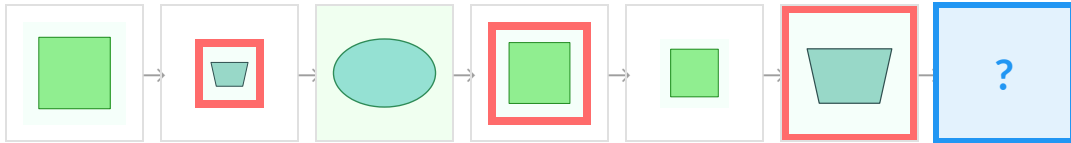


Challenge Series Patterns

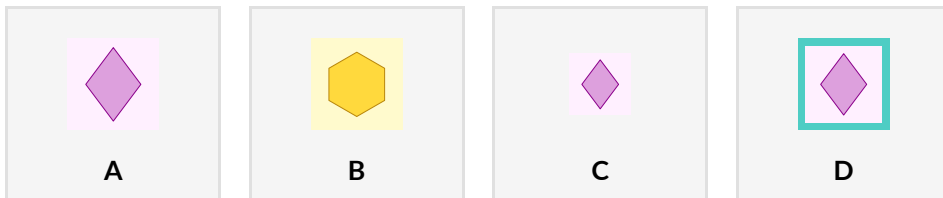
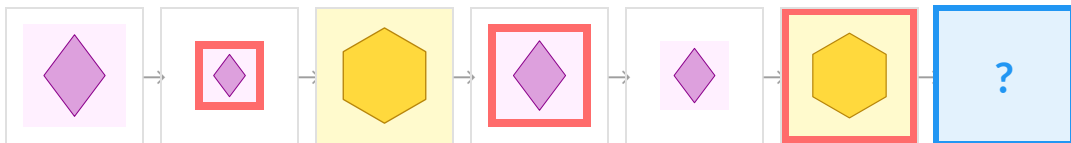
Difficulty: Medium

Complete each pattern by circling the correct shape:

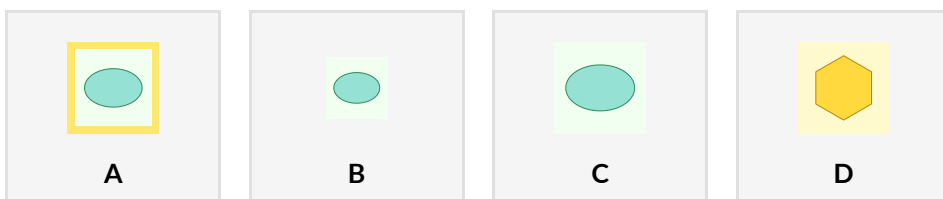
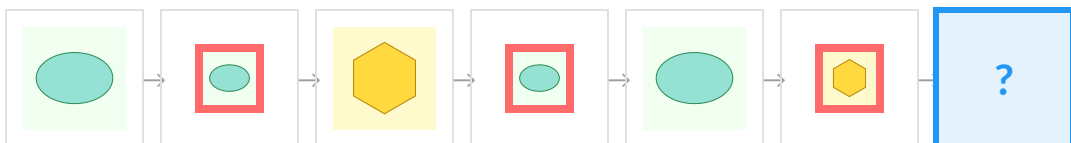
64.



65.



66.

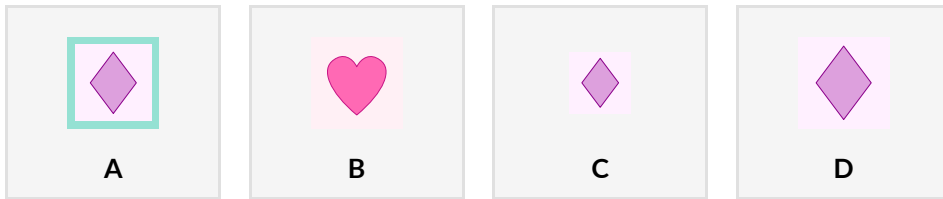
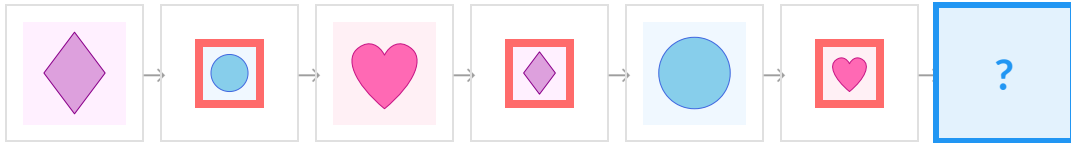


Challenge Series Patterns

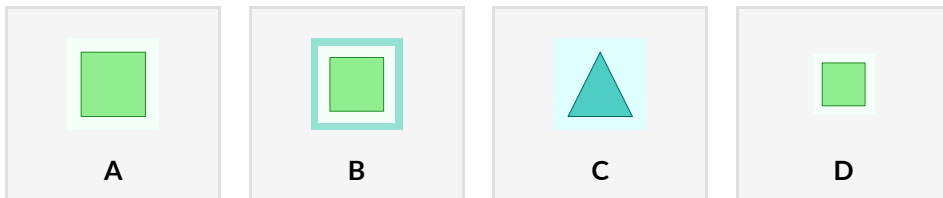
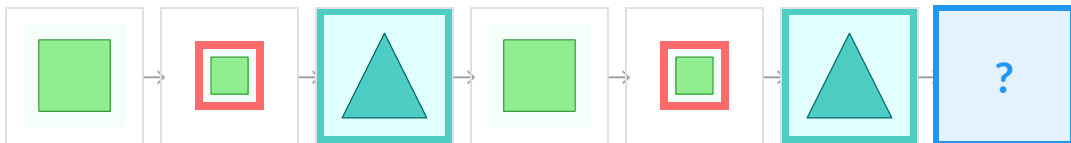
Difficulty: Medium

Complete each pattern by circling the correct shape:

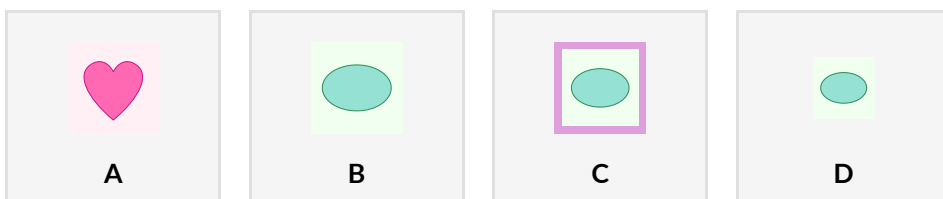
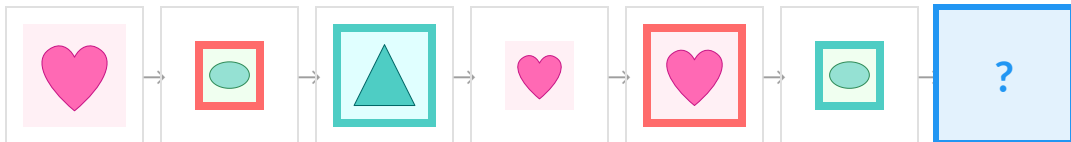
67.



68.



69.

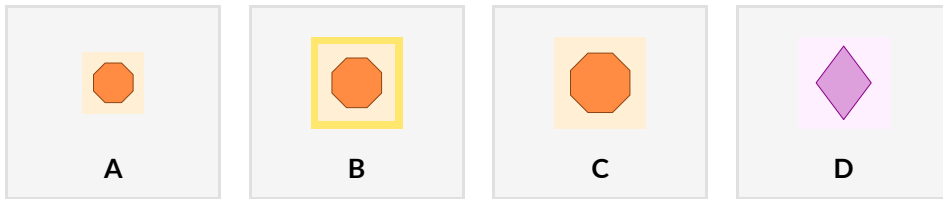
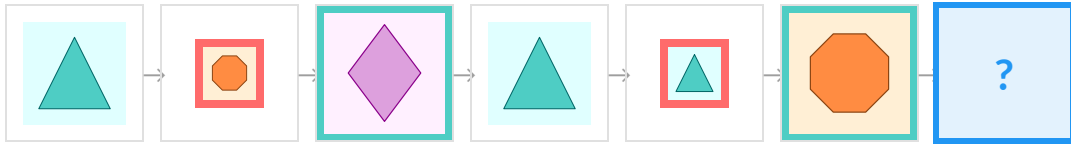


Challenge Series Patterns

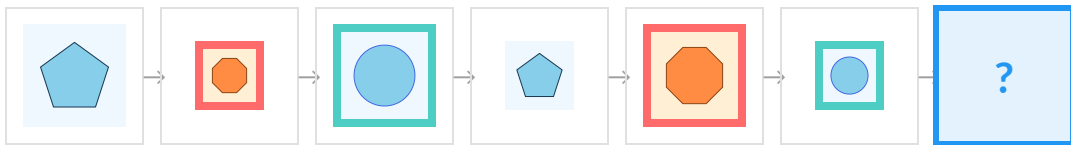
Difficulty: Medium

Complete each pattern by circling the correct shape:

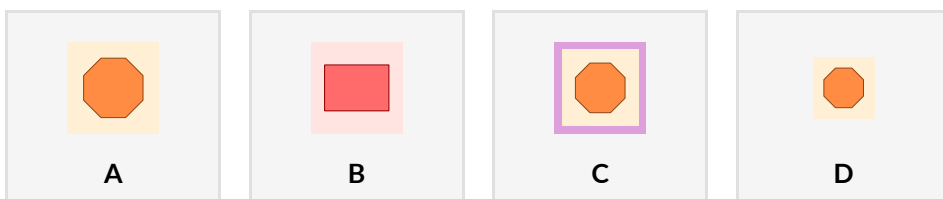
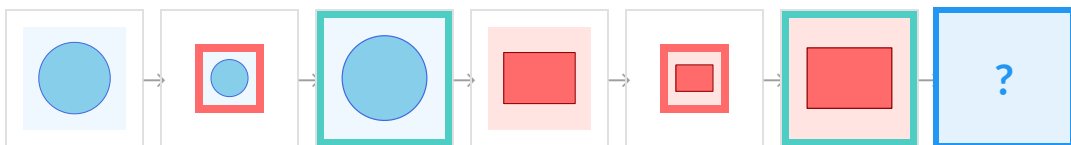
70.



71.



72.

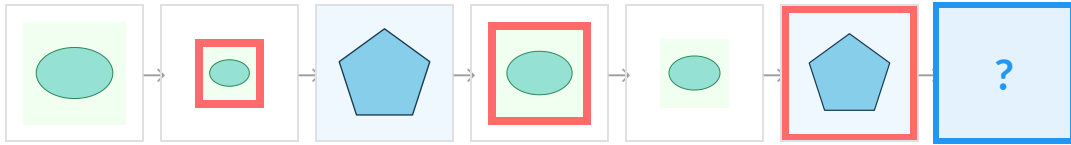


Challenge Series Patterns

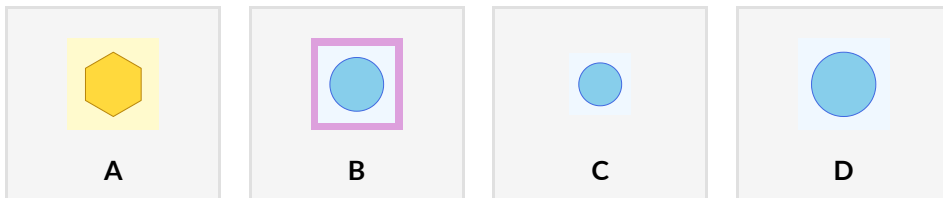
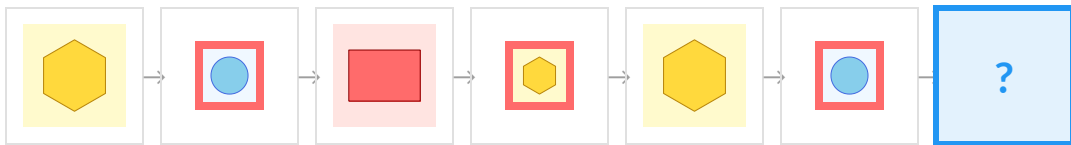
Difficulty: Medium

Complete each pattern by circling the correct shape:

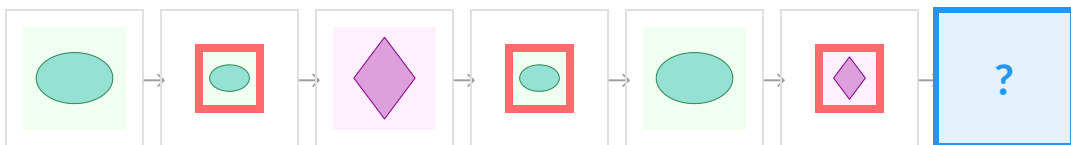
73.



74.



75.

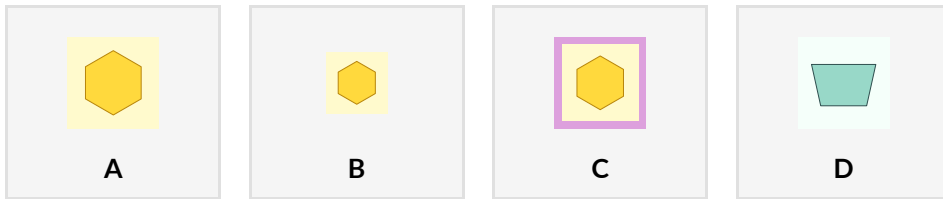
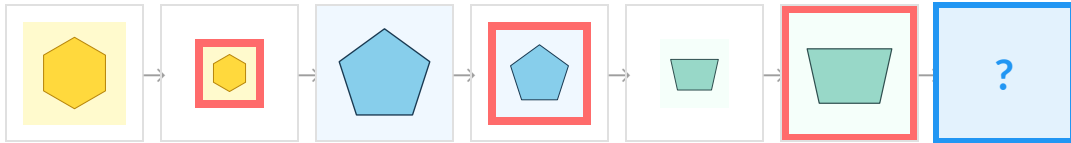


Challenge Series Patterns

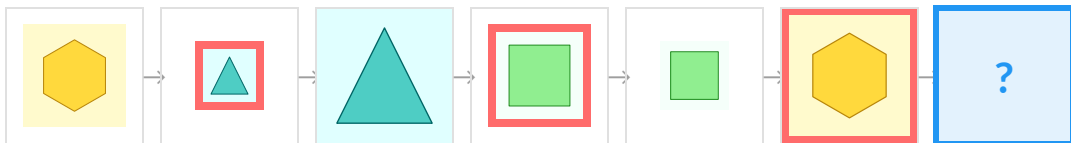
Difficulty: Medium

Complete each pattern by circling the correct shape:

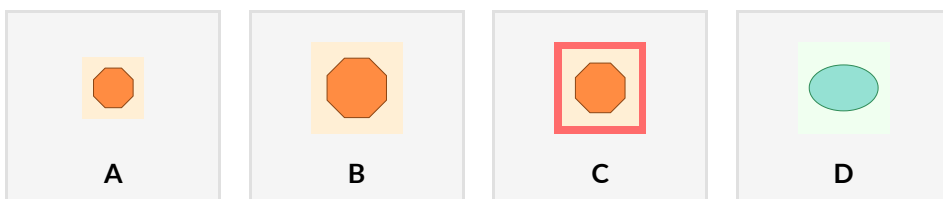
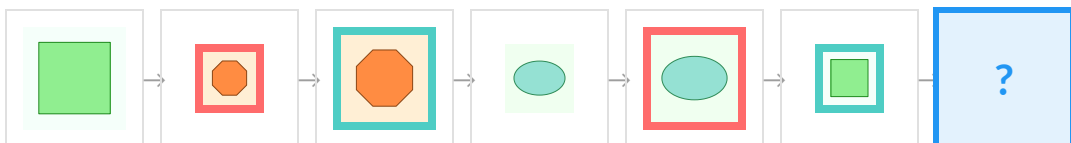
76.



77.



78.

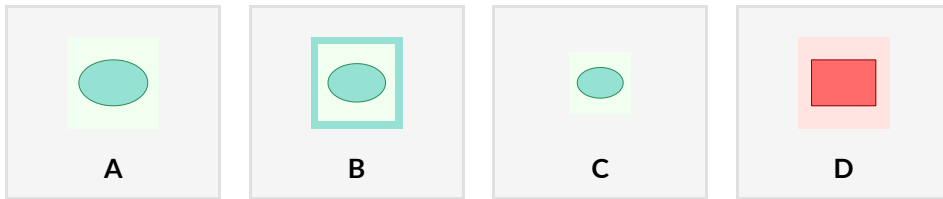
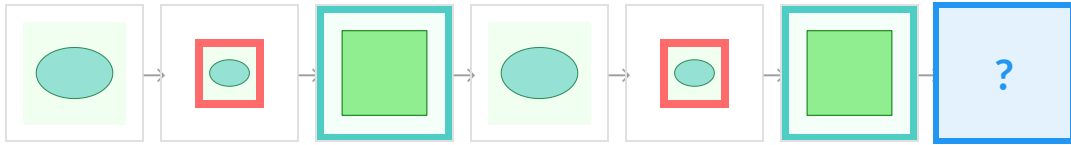


Challenge Series Patterns

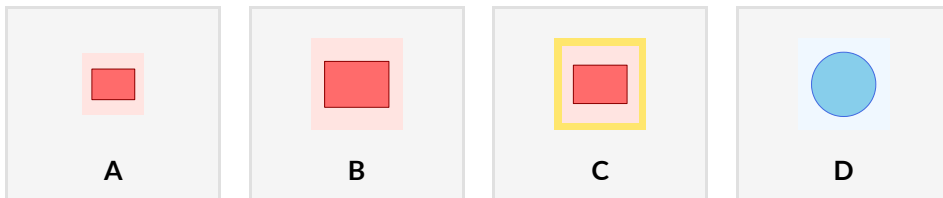
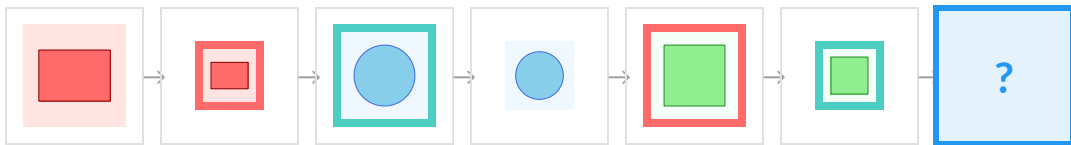
Difficulty: Medium

Complete each pattern by circling the correct shape:

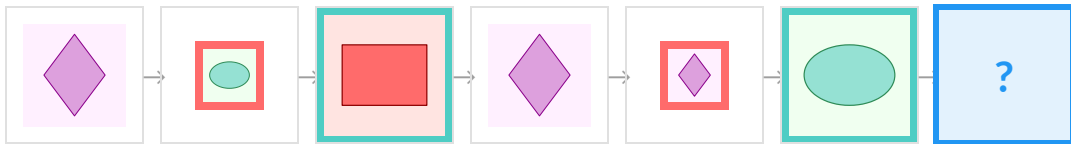
79.



80.



81.

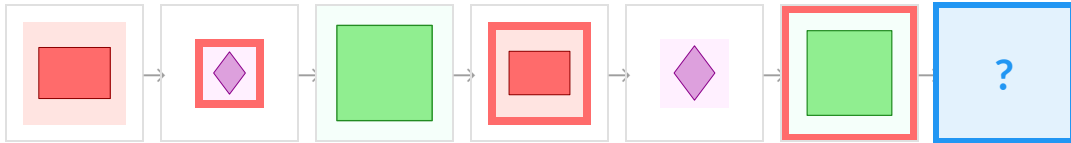


Challenge Series Patterns

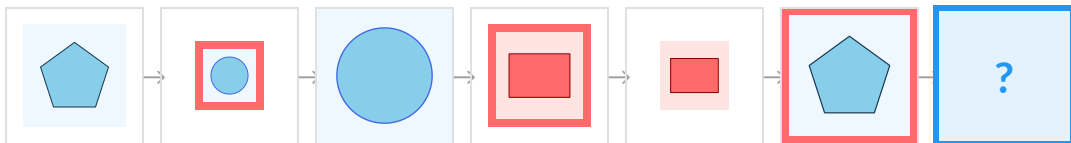
Difficulty: Medium

Complete each pattern by circling the correct shape:

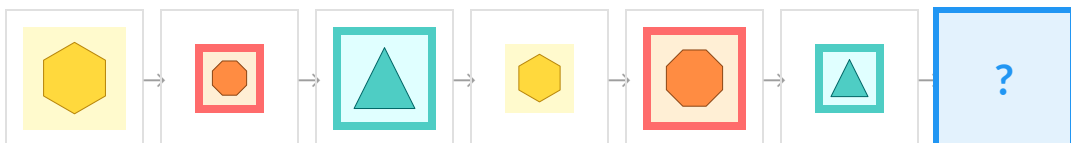
82.



83.



84.

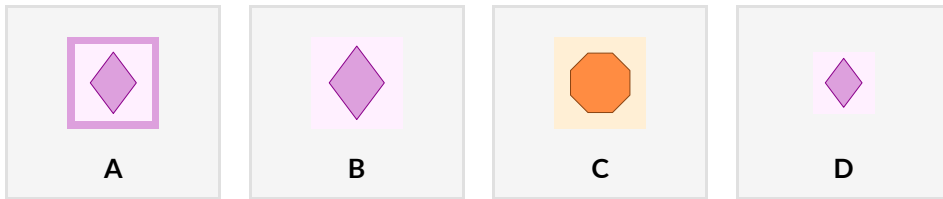
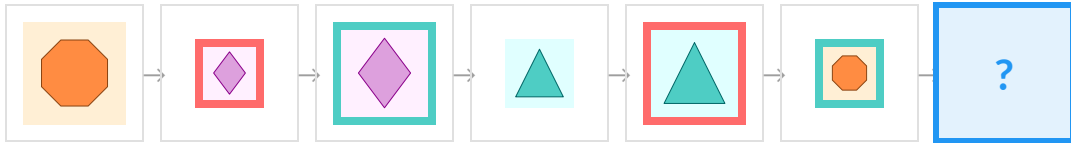


Challenge Series Patterns

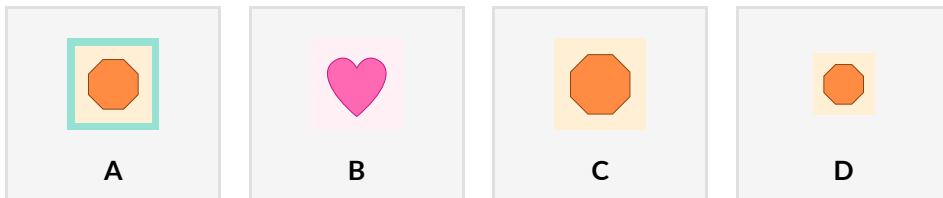
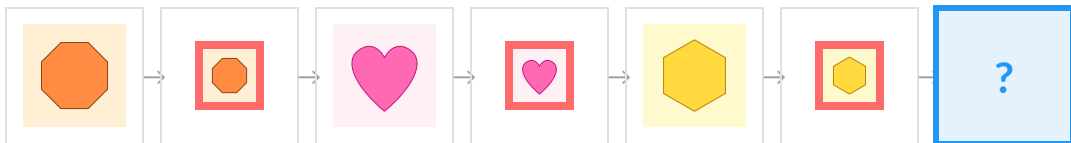
Difficulty: Medium

Complete each pattern by circling the correct shape:

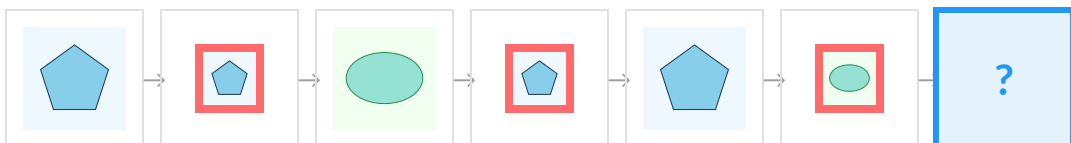
85.



86.



87.

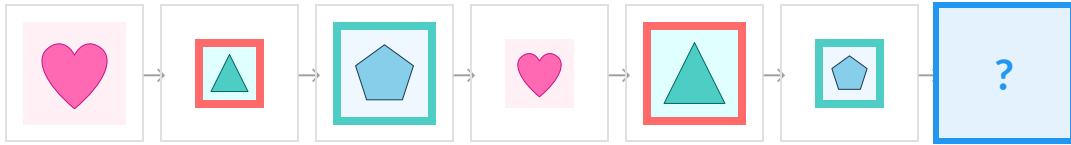


Challenge Series Patterns

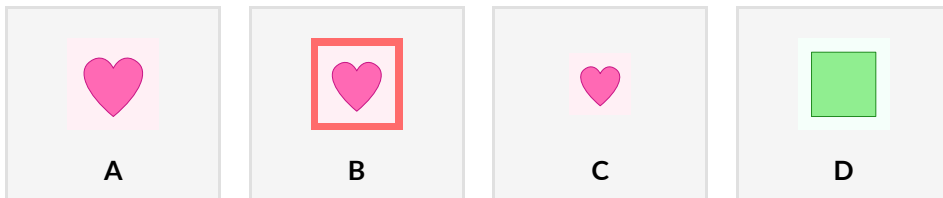
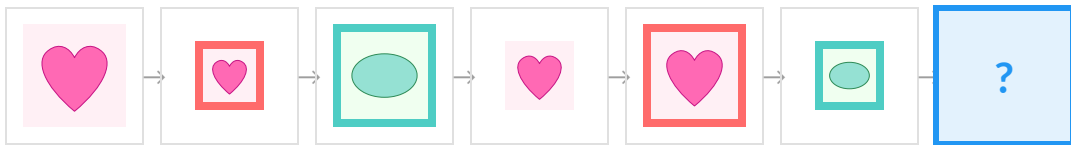
Difficulty: Medium

Complete each pattern by circling the correct shape:

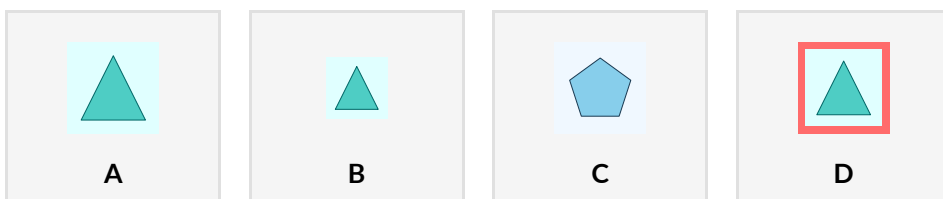
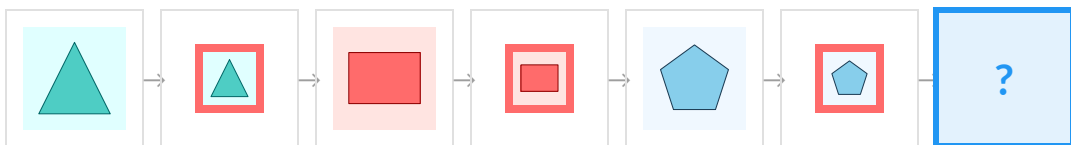
88.



89.



90.

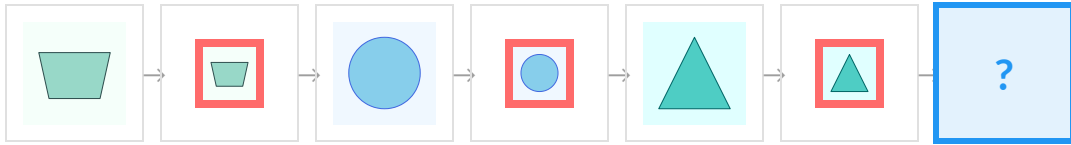


Challenge Series Patterns

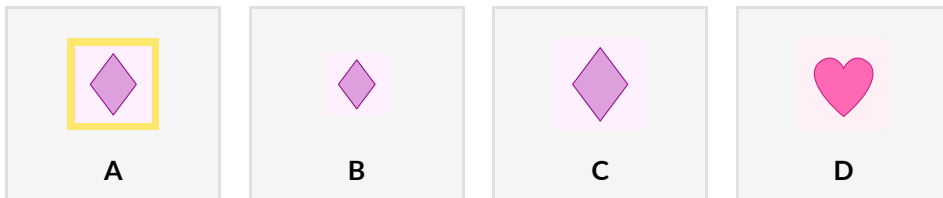
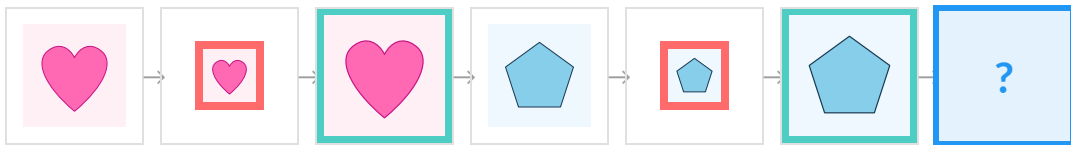
Difficulty: Medium

Complete each pattern by circling the correct shape:

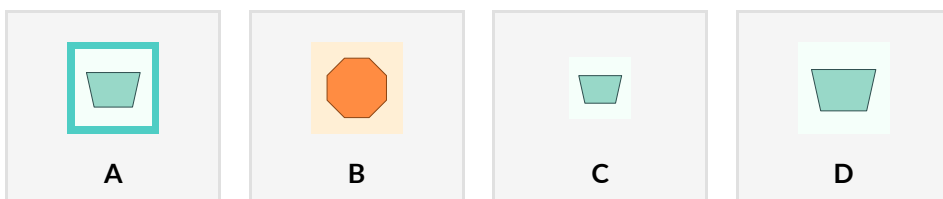
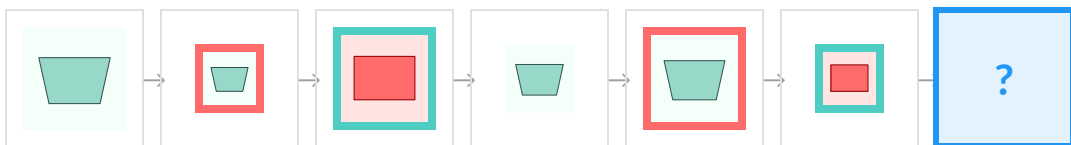
91.



92.



93.

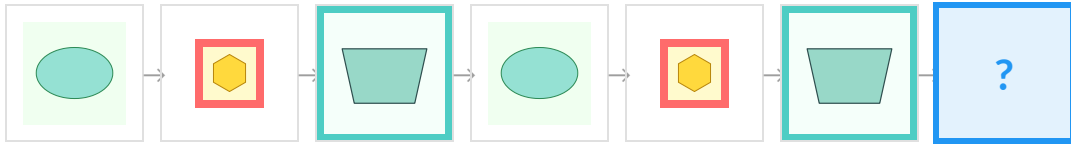


Challenge Series Patterns

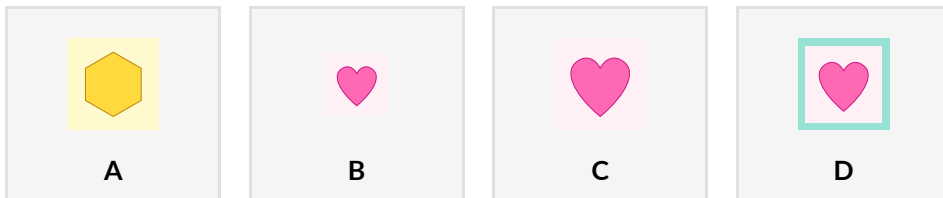
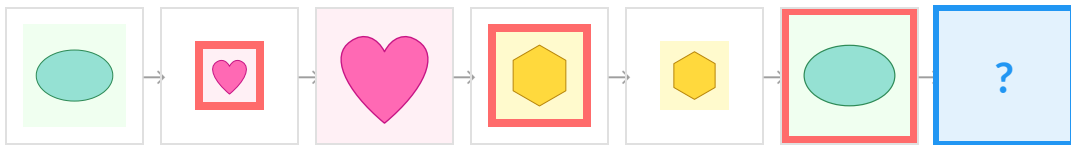
Difficulty: Medium

Complete each pattern by circling the correct shape:

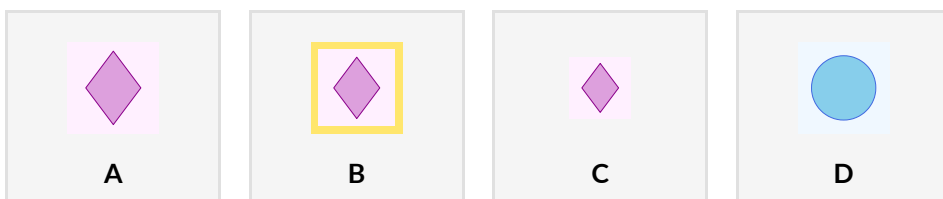
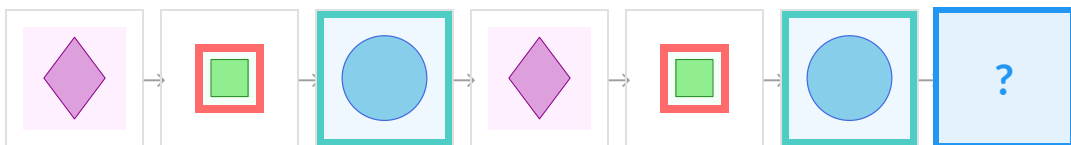
94.



95.



96.

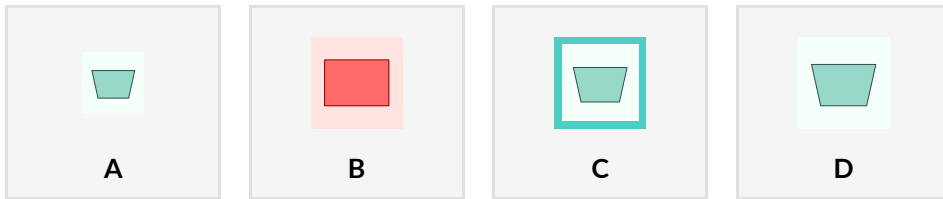
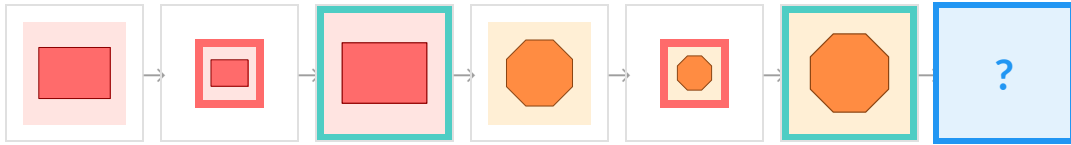


Challenge Series Patterns

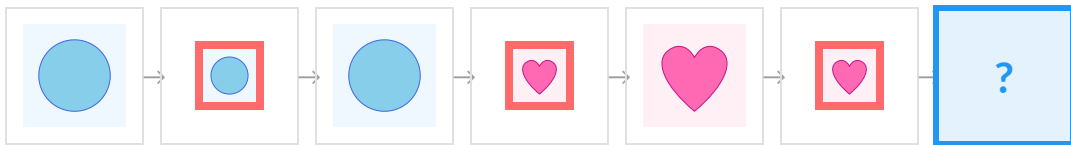
Difficulty: Medium

Complete each pattern by circling the correct shape:

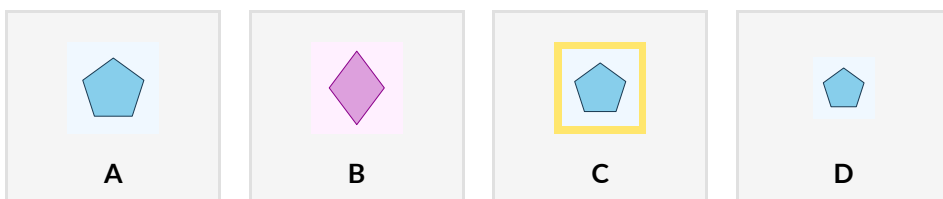
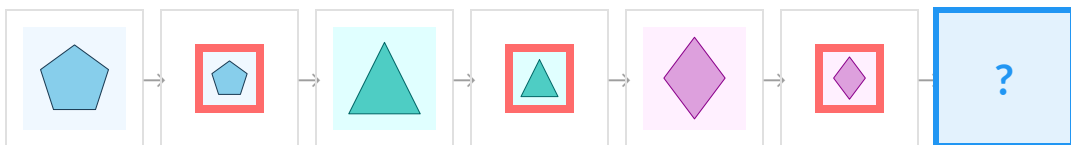
97.



98.



99.

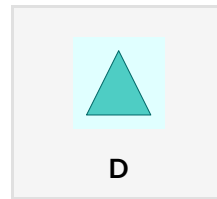
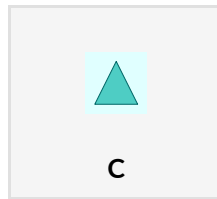
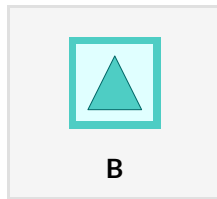
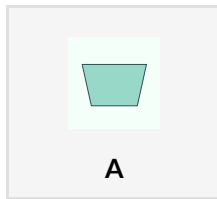
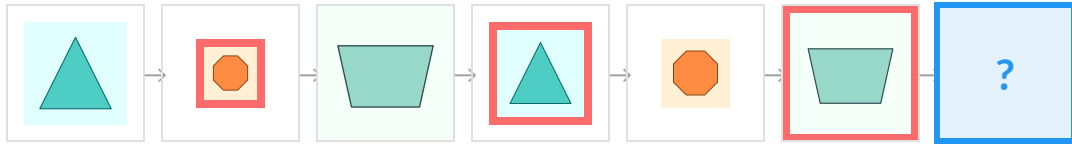


Challenge Series Patterns

Difficulty: Medium

Complete each pattern by circling the correct shape:

100.



Answer Key

#	Pattern Type	Answer	Shape
1	ComplexRepeat	D	Pentagon (Medium)
2	Stutter	D	Circle (Medium)
3	DoubleRepeat	A	Heart (Medium)
4	Growing	C	Oval (Medium)
5	TripleRepeat	A	Oval (Medium)
6	ComplexRepeat	B	Pentagon (Medium)
7	ComplexRepeat	A	Square (Medium)
8	ComplexRepeat	B	Square (Medium)
9	TripleRepeat	D	Diamond (Medium)
10	Growing	B	Oval (Medium)
11	Alternating	B	Oval (Medium)
12	Growing	A	Trapezium (Medium)
13	DoubleRepeat	D	Octagon (Medium)
14	Growing	D	Octagon (Medium)
15	Stutter	D	Square (Medium)
16	Sequence	A	Rectangle (Medium)
17	ComplexRepeat	B	Diamond (Medium)
18	Sequence	A	Hexagon (Medium)
19	TripleRepeat	D	Pentagon (Medium)
20	ComplexRepeat	D	Hexagon (Medium)
21	Stutter	B	Trapezium (Medium)
22	ComplexRepeat	B	Pentagon (Medium)
23	Sequence	A	Heart (Medium)
24	DoubleRepeat	B	Rectangle (Medium)
25	Growing	B	Oval (Medium)
26	Alternating	C	Trapezium (Medium)
27	Stutter	B	Pentagon (Medium)
28	Growing	B	Hexagon (Medium)
29	TripleRepeat	B	Heart (Medium)
30	Stutter	A	Pentagon (Medium)
31	Alternating	C	Hexagon (Medium)
32	Growing	C	Oval (Medium)
33	DoubleRepeat	D	Heart (Medium)

Answer Key

34	ComplexRepeat	B	Octagon (Medium)
35	Growing	C	Circle (Medium)
36	Sequence	A	Oval (Medium)
37	Stutter	B	Oval (Medium)
38	Alternating	C	Circle (Medium)
39	ComplexRepeat	D	Oval (Medium)
40	Stutter	B	Rectangle (Medium)
41	Stutter	C	Oval (Medium)
42	TripleRepeat	D	Square (Medium)
43	Stutter	D	Hexagon (Medium)
44	Growing	B	Octagon (Medium)
45	DoubleRepeat	D	Heart (Medium)
46	DoubleRepeat	A	Triangle (Medium)
47	Sequence	C	Hexagon (Medium)
48	Growing	C	Triangle (Medium)
49	Alternating	D	Square (Medium)
50	Stutter	B	Heart (Medium)
51	ComplexRepeat	A	Diamond (Medium)
52	Sequence	A	Octagon (Medium)
53	TripleRepeat	C	Octagon (Medium)
54	Alternating	C	Diamond (Medium)
55	TripleRepeat	C	Square (Medium)
56	Stutter	D	Hexagon (Medium)
57	ComplexRepeat	D	Pentagon (Medium)
58	DoubleRepeat	D	Square (Medium)
59	Alternating	A	Triangle (Medium)
60	ComplexRepeat	D	Hexagon (Medium)
61	DoubleRepeat	A	Octagon (Medium)
62	Sequence	D	Pentagon (Medium)
63	Sequence	B	Heart (Medium)
64	Growing	B	Trapezium (Medium)
65	Stutter	A	Diamond (Medium)
66	Stutter	C	Oval (Medium)
67	Alternating	D	Diamond (Medium)
68	Stutter	A	Square (Medium)

Answer Key

69	Growing	B	Oval (Medium)
70	Growing	C	Octagon (Medium)
71	Sequence	B	Pentagon (Medium)
72	TripleRepeat	A	Octagon (Medium)
73	Stutter	B	Oval (Medium)
74	Growing	D	Circle (Medium)
75	Stutter	B	Oval (Medium)
76	DoubleRepeat	A	Hexagon (Medium)
77	ComplexRepeat	D	Triangle (Medium)
78	ComplexRepeat	B	Octagon (Medium)
79	Stutter	A	Oval (Medium)
80	DoubleRepeat	B	Rectangle (Medium)
81	Growing	B	Oval (Medium)
82	Alternating	B	Rectangle (Medium)
83	ComplexRepeat	B	Circle (Medium)
84	Alternating	D	Hexagon (Medium)
85	ComplexRepeat	B	Diamond (Medium)
86	DoubleRepeat	C	Octagon (Medium)
87	Stutter	A	Pentagon (Medium)
88	Alternating	C	Heart (Medium)
89	Stutter	A	Heart (Medium)
90	DoubleRepeat	A	Triangle (Medium)
91	DoubleRepeat	C	Trapezium (Medium)
92	TripleRepeat	C	Diamond (Medium)
93	Stutter	D	Trapezium (Medium)
94	Sequence	A	Oval (Medium)
95	ComplexRepeat	C	Heart (Medium)
96	Sequence	A	Diamond (Medium)
97	TripleRepeat	D	Trapezium (Medium)
98	TripleRepeat	C	Triangle (Medium)
99	DoubleRepeat	A	Pentagon (Medium)
100	Alternating	D	Triangle (Medium)