



Reasoning

Missing Figure

S.	Pattern Type	Description / Trick	Example / Explanation
No.			
1	Connecting Lines /	Lines or segments are joined in a specific sequence to	Lines connect corners step by step
	Segments	form a complete figure.	to complete a polygon.
2	Shape Completion	Missing piece completes a specific geometric figure	Missing quarter of a circle or side of
	(Geometric Figures)	(square, triangle, circle, polygon).	a triangle.
3	Symmetry-Based	Missing part restores symmetry (horizontal, vertical, or	The figure becomes symmetric once
	Completion	diagonal).	the missing part is inserted.
4	Mirror/Reflected Joining	The missing part is the mirror image of an adjacent	Left half mirrors right half to
		part, either horizontal or vertical.	complete figure.
5	Diagonal Completion	Missing element lies along a diagonal to complete the	Diagonal line completes the
		criss-cross or 'X' shaped figure.	crisscross pattern.
6	Boundary / Border Filling	Missing part is a portion of the boundary or border	Missing arc or line forms the
		needed to enclose or comp <mark>lete</mark> the outer shape.	boundary of a circle or polygon.
7	Puzzle-Like Fit (Jigsaw	The missing part fits like a puzzle piece to fill a gap,	The curved or angular edge must
	Style)	matching the edges or contours of surrounding parts.	match surrounding edges exactly.
10	Centralized Completion	The missing piece lies at the center, connecting or	Central piece connects four arms
	(Middle Piece)	joining all other surrounding parts.	extending from corners.
11	Edge Matching	The missing part has to match the edge curves or lines	Puzzle-type fitting at edges where
		of adjacent parts exactly to complete the figure	curves and corners match.
		seamlessly.	



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