

Spatial Reasoning – Connecting Shapes - Choose the option that shows how the three shapes will look when they are joined by matching the sides with the same letter.

a)

b)

c)

d)

e)

a)

b)

c)

d)

e)

a)

b)

c)

d)

e)

a)

b)

c)

d)

e)

Answers

Row 1: a) b) c) d) e)

Row 1 details: The puzzle pieces are a small right-angled triangle (a), a square with a triangular notch (b), and a right-angled triangle (b). The options show different ways to combine them. Option d shows the pieces arranged to form a larger right-angled triangle, which is the correct answer.

Row 2: a) b) c) d) e)

Row 2 details: The puzzle pieces are a parallelogram (a), a square with a triangular notch (a), and a right-angled triangle (b). The options show different ways to combine them. Option b shows the pieces arranged to form a larger square, which is the correct answer.

Row 3: a) b) c) d) e)

Row 3 details: The puzzle pieces are a square with a triangular notch (a), a trapezoid (a), and a semi-circle (b). The options show different ways to combine them. Option e shows the pieces arranged to form a larger trapezoid, which is the correct answer.

Row 4: a) b) c) d) e)

Row 4 details: The puzzle pieces are a semi-circle (a), a square with a triangular notch (a), and a pentagon (b). The options show different ways to combine them. Option a shows the pieces arranged to form a larger square, which is the correct answer.