1) **a)** *triangle A to triangle B = right 4, up 1*

b) *triangle B to triangle C = left 3, down 5*

c) *triangle C to triangle D = right 5, down 2*

2) *Multiple answers possible, including:*

position A to position C – 1 right, 4 down

position A to position D – 5 right, 6 down

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1) *The child is wrong. The two translations would move the shape to a different position.*

2) *The child is incorrect. She has counted from the top vertex of the triangle to its bottom edge, and from the right vertex of the triangle to the left vertex of the triangle. The correct translation is 6 left, 3 down.*

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1) *There are multiple possibilities, including:*

- *Rectangle G could translate right 9, up 9 to make a square with rectangle B.*
- *Triangle E could translate right 6, up 4 and then triangle H could translate left 4, up 8 to make a rectangle with trapezium A.*
- *Triangle D could translate left 7 then up 7 to make a rectangle with triangle C.*