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| **Topic 2: Functions**  | **Composition of Functions** |
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| 1. The functions and are defined by and
	1. Show that .
	2. Given that , find the value of .
 | (2 marks)(3 marks) |
| Mark scheme:1.

1. Attempt to substitute in 8 (seen anywhere).Correct equation:
 | (M1)(A1)(AG)(M1)(A1)(A1) |