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| **Topic 2: Functions**  | **Transformations of Functions** |
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| 1. Image result for free graph paperThe graph of $y=f(x)$ for $-3\leq x\leq 3$ is shown above.
	1. Sketch the graph of $y=f\left(x\right)-3$.
	2. Sketch the graph of $y=f(-x)$.
	3. Sketch the graph of $y=2f(x)$.
 | (2 marks)(2 marks)(2 marks) |
| Mark scheme:1.

Image result for free graph paper1. Image result for free graph paper
2. Image result for free graph paper
 | (A2)(A2)(A2) |