Multiplying Complex Numbers

Examples

1. Express each of the following in the form $a+bi$, where $a,b$ are integers.
2. $\left(2+3i\right)\left(3-2i\right)$
3. $\left(5-3i\right)^{2}$
4. Determine the value of $i^{3}, i^{4}, i^{101}$ and $\left(3i\right)^{5}$

Test Your Understanding:

1. Edexcel FP1 June 2010



1. Expand and simplify $\left(1+i\right)^{3}$

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