

Chem. 540

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Math Problem 3

Find the real and the imaginary part of each of the following complex numbers:

(a) $2i + 5$

(b) $\frac{2}{1-3i}$

(c) $(\sqrt{2} + 7i)(1 + 2i)$

(d) $(2 + i)(2 - i)$

(e) $\frac{2i-1}{i-1}$

(f) $e^{i\pi}$

(g) $-i^2$