



SCS 43XX – Quantum.....

Tutorial 01

1. Express each of the following in the form $a + ib$

(a) $(2 + 3i) + (8 - i)$

(b) $(2 + i) + (-2 - 4i)$

(c) $(4 + 4i) + (8 - 4i)$

(d) $(4 + 4i) - (8 - 4i)$

(e) $(2 + 3i)(8 + i)$

(f) $(4 + 4i)(8 - 4i)$

2. Find each of the following

(a) $(2 + 2i)^*$

(b) $(2 - 2i)^*$

(c) $(1 - i)$