
Svar till Extraövningar TMV156, 110831

1. $-i, -1 + i$
2. $\pm(2 + i)$
3. $2\sqrt{3}, 3\sqrt{2}i$
4. $-3 - 6i, -2 - i$
5. $i, 2 - i$
6. $2 + 3i, 1 - i$
7. $\pm\sqrt{3} + i, -2i$
8. $\pm 2i, \pm(\sqrt{3} \pm i)$
9. $e^{(2k+1)\pi i/5}, k = 0, 1, 2, 3, 4.$
10. $e^{i\theta}, \theta = -30^\circ, 90^\circ, 210^\circ$ och $2^{1/6}e^{i\alpha}, \alpha = -45^\circ, 75^\circ, 195^\circ.$