

Komplekse konstant: $i^2 = -1$

Imaginære del: $\text{Im}(a + ib) = b$

Reelle del: $\text{Re}(a + ib) = a$

Lig med: $(a + ib) = (c + id) \Leftrightarrow a = c \text{ and } b = d$

Konjugering: $(a + ib)^* = (a - ib)$

Addition: $(a + ib) + (c + id) = (a + c) + i(b + d)$

Multiplikation: $(a + ib)(c + id) = ac + aid + ibc + i^2bd = (ac - bd) + i(ad + bc)$

Reciprok: $\frac{1}{a + ib} = \frac{(a - ib)}{(a + ib)(a - ib)} = \frac{(a - ib)}{a^2 + b^2}$