3.4 Complex Numbers.

\[ i = \sqrt{-1} \]

\[ a + ib \]

3.5. Page 299.

\( P(x) \) is a polynomial of degree \( n, a \neq 0 \)

\[ P(x) = a(x - c_1)(x - c_2) \cdots (x - c_n) \]