

1. Решите уравнение: $z^2 + 3z + 4 = 0$.

1) $z = -\frac{3}{2} + \frac{\sqrt{7}}{2}i$ 2) $z = -\frac{3}{2} - \frac{\sqrt{7}}{2}i$ 3) $z = \frac{3}{2} - \frac{\sqrt{7}}{2}i$, 4) $z = \frac{\sqrt{7}}{2}i$,
5) $z = \frac{3}{2} + \frac{\sqrt{7}}{2}i$, 6) $z = -2 - \frac{\sqrt{7}}{2}i$,