

1. Решите уравнение: $2z^2 + 8z + 11 = 0$.

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

2. Решите уравнение: $3z^2 - 6z + 9 = 0$.

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