

1. Решите уравнение: $z^2 = -1$.

- 1) $1 - i$ 2) $-i$ 3) i 4) $1 + i$ 5) $-1 - i$ 6) $-1 + i$

2. Решите уравнение: $z^2 = i$.

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