

1. Вычислите $\frac{2+3i}{5-2i} - \frac{3i}{5+2i}$.

- 1) $-\frac{2}{29} + \frac{4i}{29}$. 2) $-\frac{4}{58} + \frac{4i}{29}$. 3) $-\frac{4}{58} + \frac{8i}{29}$. 4) $\frac{2}{29} + \frac{4i}{58}$. 5) $-\frac{1}{29} + \frac{4i}{34}$.
6) $\frac{2}{29} - \frac{4i}{29}$.

2. Вычислите $\frac{3-2i}{3-5i} - \frac{4i}{3+5i}$.

- 1) $-\frac{2}{68} - \frac{3i}{17}$ 2) $-\frac{1}{34} - \frac{6i}{68}$ 3) $-\frac{1}{34} - \frac{3i}{34}$ 4) $1-i$ 5) $\frac{3}{34} + \frac{3i}{38}$ 6) $\frac{1}{34} - \frac{3i}{34}$