

1. Решите уравнение $\sin \frac{5x}{4} = -\frac{\sqrt{2}}{2}$.

- 1) $\frac{3\pi}{5} + \frac{4\pi k}{5}$ 2) $\frac{2\pi}{5} + \frac{8\pi k}{5}$ 3) $\frac{\pi}{5} + \frac{8\pi k}{5}$ 4) $-\frac{\pi}{5} + \frac{8\pi k}{5}$
5) $-\frac{3\pi}{5} + \frac{8\pi k}{5}$ 6) $\frac{3\pi}{5} + \frac{8\pi k}{5}$

2. Решите уравнение $\cos \frac{5x}{3} = -\frac{1}{2}$.

- 1) $\frac{2\pi}{5} + \frac{6\pi k}{5}$ 2) $\frac{\pi}{5} + \frac{6\pi k}{5}$ 3) $-\frac{\pi}{5} + \frac{6\pi k}{5}$ 4) $\frac{2\pi}{5} + \frac{3\pi k}{5}$
5) $-\frac{2\pi}{5} + \frac{3\pi k}{5}$ 6) $-\frac{2\pi}{5} + \frac{6\pi k}{5}$