

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