

Ответы:

$$x = \pm \frac{\pi}{3} + 2\pi n, n \in Z$$

$$x = (-1)^k \cdot \frac{\pi}{4} + \pi k, k \in Z$$

$$x = \frac{\pi}{4} + \pi n, n \in Z$$

$$x = \frac{3\pi}{4} + \pi n, n \in Z$$

$$x = \pm \frac{\pi}{6} + 2\pi n, n \in Z$$

$$x = (-1)^k \cdot \frac{\pi}{3} + \pi k, k \in Z$$

$$x = \frac{\pi}{3} + \pi n, n \in Z$$

$$x = \frac{\pi}{3} + \pi n, n \in Z$$

$$x = \pm \frac{3\pi}{4} + 2\pi n, n \in Z$$

$$x = (-1)^{k+1} \cdot \frac{\pi}{6} + \pi k, k \in Z$$

$$x = -\frac{\pi}{6} + \pi n, n \in Z$$

$$x = -\frac{\pi}{6} + \pi n, n \in Z$$