

$$\cos\left(\frac{n(4x-3)}{3}\right) = \frac{1}{2}$$

$$\frac{n(4x-3)}{3} = \frac{n}{3} + 2\pi n \quad | \cdot \frac{3}{n}$$

$$4x-3 = 1+6n$$

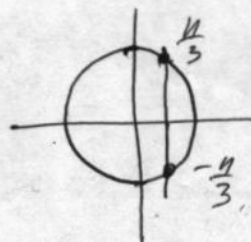
$$4x = 4+6n \quad | :4$$

$$x = 1 + \frac{3}{2}n$$

$$\text{при } n=0$$

$$x = 1$$

$$\frac{n(4x-3)}{3} = -\frac{n}{3} + 2\pi n \quad | \cdot \frac{3}{n}$$



$$4x-3 = -1+6n$$

$$4x = 2+6n \quad | :4$$

$$x = 0,5 + \frac{3}{2}n$$

$$\text{при } n=0 \Rightarrow$$

$x = 0,5$ — наим. положительное