Решите уравнение $f'(x) = 0$, если $f(x) = \sin 2x \cdot \cos 3x + \cos 3x \cdot \sin 2x$.

1) $\left\{\frac{\pi}{10} + \frac{\pi}{10}n : n \in \mathbb{Z}\right\}$ 2) $\left\{\frac{\pi}{10} + \frac{2\pi}{5}n : n \in \mathbb{Z}\right\}$ 3) $\left\{\frac{\pi}{5} + \frac{\pi}{5}n : n \in \mathbb{Z}\right\}$

4) $\left\{\frac{\pi}{5} + \frac{2\pi}{5}n : n \in \mathbb{Z}\right\}$ 5) $\left\{\frac{\pi}{10} + \frac{\pi}{5}n : n \in \mathbb{Z}\right\}$ 6) $\left\{\frac{\pi}{5} + \frac{\pi}{10}n : n \in \mathbb{Z}\right\}$