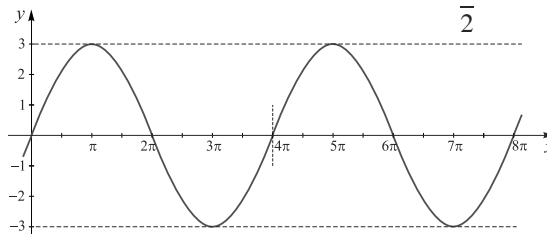
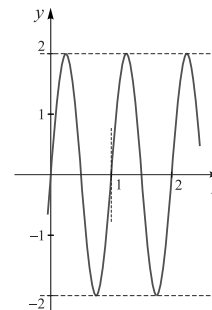


Rješenje. 1) $f(x) = 3 \sin \frac{x}{2} \implies$ nul-točka $N = 0$, $C = 3$, $P = \frac{2\pi}{\frac{1}{2}} = 4\pi$



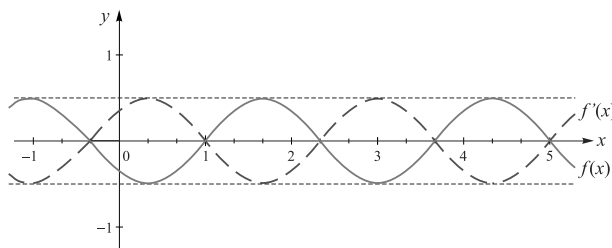
2) $f(x) = 2 \sin(2\pi x) \implies$ nul-točka $N = 0$, $C = 2$, $P = \frac{2\pi}{2\pi} = 1$



3) $f(x) = -\frac{1}{2} \sin\left(\frac{3\pi}{4}x + \frac{\pi}{4}\right)$

$f'(x) = \frac{1}{2} \sin\left(\frac{3\pi}{4}x + \frac{\pi}{4}\right) \implies N = -\frac{\frac{\pi}{4}}{\frac{3\pi}{4}} = -\frac{1}{3}$, $C = \frac{1}{2}$, $P = \frac{2\pi}{\frac{3\pi}{4}} = \frac{8}{3}$.

Prvo crtamo graf funkcije f' . Graf funkcije f je simetričan grafu funkcije f' s obzirom na os apscisa.



4) $f(x) = \frac{3}{2} \sin\left(3x - \frac{\pi}{4}\right) \implies N = -\frac{-\frac{\pi}{4}}{3} = \frac{\pi}{12}$, $C = \frac{3}{2}$, $P = \frac{2\pi}{3}$.

