

مثالها

مثال) برد توابع زیر را به دست آورید.

1)  $y = \sqrt{-\sin^2 \pi x}$

2)  $y = \frac{1}{\sqrt{2 \sin x - 1}}$

3)  $y = \sin(2x^2 + x)$

4)  $y = \sin(\log_2 \log_3 x)$

5)  $y = \frac{2}{\sqrt{8 \sin x - 4}}$

6)  $y = \sin \pi x + \cos \pi x + \sqrt{-\sin^4 \pi x}$

7)  $y = 2 \sin 4x$

8)  $y = \cos\left(\frac{-x^5}{x^4}\right)$

9)  $y = 5 \cos\left(\frac{x^3 - 1}{x^2 + x + 1}\right)$

10)  $y = \sin \sqrt{\sin \sqrt{\frac{x-2}{2-x}}}$

11)  $y = [\sin x]$

12)  $y = \tan^4 \sqrt{x^3} \cdot \cot g^4 \sqrt{x^3}$

13)  $y = 3 \tan x - 4 \cot g x$

14)  $y = \sqrt{\log \left[ \left( \frac{10x+10}{x^2-1} \right) \left( \frac{x^2-1}{x+1} \right) \right] + \cos x}$

15)  $y = \sin x + \cos x$

16)  $y = [\sin 3x - 2 \cos 3x]$

17)  $y = [x] + [-x] + \sqrt{\cos 2\pi x - 1}$