

Zderivujte (nemusíte upravit):

DÚ 3

DERIVACE

1) $y = 2e^x \cdot \sqrt{x^3 - 2x} + \arcsin(2x)$

$y' =$

2) $y = \sqrt{\sin(x-5)} - \log_7 7^x + \sin \frac{3\pi}{2}$

$y' =$

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

$y' =$

4) $y = (2x \cdot \log x)^3 + \sqrt{2 \ln x}$

$y' =$

5) $y = \sqrt{\log_3 x + \sin^3 x}$

$y' =$

6) $y = \arccos(3x^2 - x) \cdot 5x^3$

$y' =$

7) $y = e^5 \cdot \operatorname{arccotg}(7x) - \operatorname{arctg} e^2$

$y' =$