

Differentieer: oefening 3

1. $T(t) = \frac{4t^2 - 6t + 1}{t}$
2. $f(x) = \frac{1 + \sin x}{1 - \sin x}$
3. $f(x) = \frac{x^2 - 4x}{\sqrt{x}}$
4. $f(x) = (2x)^2 - 3$
5. $f(x) = (2x - 1) \cdot (2x + 2)$
6. $f(x) = -2 \cdot x^2 - 2x - 4$
7. $f(x) = \frac{2x^2 - 3x}{x}$
8. $f(x) = (x + 1)^3$
9. $f(x) = x^3 \cdot \sin x$
10. $g(x) = (3 + x^2) \cdot (x + \sin x)$
11. $h(x) = \frac{4 + x^2}{x}$
12. $k(x) = \frac{3}{5x}$
13. $l(x) = \frac{\sin x}{x^2 + 1}$
14. $m(x) = (\sqrt{x} + 2)^2$
15. $f(x) = \frac{5}{x + 1}$
16. $f(x) = x \cdot \sqrt{1 - x}$
17. $f(x) = \sqrt{\sin(x^2)}$
18. $f(x) = (2x - x^3) \cdot \sqrt{x}$
19. $f(x) = \frac{4}{3x}$
20. $f(x) = \frac{3}{\sqrt{x}}$