

# EXERCÍCIOS

1)  $y = x^6$

6)  $y = \frac{x^4 + 5x^3 + 3x^2 + 2x + 6}{x}$

2)  $y = \sqrt{x}$

7)  $y = \frac{2}{x^3} + \frac{5}{x^2}$

3)  $y = \frac{1}{x^5}$

8)  $y = 3\sqrt{x} + 5\sqrt[3]{x} + 10$

4)  $y = x^2 + 4x$

9)  $y = 3.e^x + 4$

5)  $y = x^2 \cdot x^{\frac{1}{2}}$

10)  $y = 2.\ln x + x^2$