

Derivative Practice

Use differentiation shortcuts to find the derivative of the following functions:

1. $h(x) = 3x^{-2}$

2. $f(x) = (\sin(x))^3$

3. $y = (17 - x)^2$

4. $z = \frac{1}{(17-x)^2}$

5. $g(t) = 3^t - t^3$

6. $f(z) = z^2 \cos(z^2)$