

Name: _____

Date: _____

Calculus Math Worksheets

Find the derivatives using power rule:

$$y = \frac{1}{2}x^{-2}$$

$$y = 3x^{\frac{-1}{15}}$$

$$y = 10x^3$$

$$y = 8x^6 + 2x^{17}$$

$$y = x^{\frac{1}{31}} + x^{\frac{-1}{7}}$$

$$y = \sqrt[5]{x}$$

$$y = 2x^{12} + 6x^7 + x^4$$

$$y = \frac{1}{2\sqrt{x}}$$

$$y = \frac{1}{2}x^{\frac{3}{2}} - \frac{22}{7}x^{\frac{-5}{2}} + x^{\frac{3}{7}}$$

$$y = \frac{5}{3}x^3 - \frac{7}{6}x^6 + \frac{6}{4}x^8$$