



Lesson 4.1 – Analyzing Rational Functions

1. Use the quotient rule to find the derivative of each function.

(a) $y = \frac{x-3}{x+2}$

(b) $y = \frac{x^2+4}{\sqrt{2x+1}}$

(c) $y = \frac{3x^3-2x}{4x^2+7}$