

QUIZ 9

Name _____

1. Simplify $x^{\frac{1}{3}}(2x^{\frac{2}{3}} - y^{\frac{3}{2}})$.

2. Solve the equation $6e^{-1.4x} = 21$ for x .

3. For the function $f(x) = \frac{2x^2 - x - 6}{x^3 + x^2 - 6x}$ find and list all vertical and horizontal asymptotes as well as the y -intercept.