The Quotient Rule (Part 3) Name_____

For the given functions, find the following points:
  a) POE's, zeros, and vertical asymptotes
  b) Extreme Points (indicate whether each is a relative max or min)
  c) Find the equation of the tangent line at $x = 1$

1) $y = \dfrac{x^3 - 2x^2 + 4x - 8}{2x^2 - 7x + 6}$

2) $y = \dfrac{2x^2 + 3x - 2}{x^3 + 2x^2}$