

Complete as many of the following problems as you can with your group. You do not have to go in order.

Once you complete one problem and have it checked, you may continue working or you may leave. Your homework is to complete this classwork.

(1) Graph the following function by hand: $y = \frac{2x - 6}{2x^3 - 8x^2}$

(2) Graph the following function by hand: $f(x) = \frac{3x^2 + 1}{x^2 - 4}$

(3) Graph the following function by hand: $f(x) = \frac{10x^3}{x^2 - 1}$

(4) Graph the following function by hand: $y = \frac{x^2 - 4}{x^2 - 4x}$

(5) Graph the following function by hand: $f(x) = \frac{x - 2}{x^2 - 3x - 4}$