Quick Reference - Precalculus

Daniel Teberian

March 2, 2023

1 Polynomial Functions

1.1 Determine End-Behavior (Leading Coefficient Test)

2 Rational Functions

2.1 Find x intercept

In order to determine the x-intercept(s) of a rational function, we must begin by replacing "y" with 0.

f(x) = $\frac{2x}{x-2}$

0 = $\frac{2x}{x-2}$

Now that we have replaced y with 0, we must solve for x.

0 = $\frac{2x}{x-2}$

$\frac{2x}{2}$ = $\frac{0}{2}$

x = $\frac{0}{2}$

x = 0

Therefore, our x-intercept is 0.