Math 48B, Lesson 10: Rational Functions, Part 2

In Math 48B Lessons 8, 9, and 10, we study rational functions in the form:

Diagram

Description automatically generated

To begin our exploration, we explore some fundamental properties of division.

1. WHAT ARE RULES OF FRACTIONS?

Recall each of the following rules for fractions:

2. HOW TO GRAPH A RATIONAL FUNCTION?

Consider the instructions below.

Graphical user interface, text, application, email

Description automatically generated

2A. Use these instructions to graph the following function:

Use Desmos.com as a tool to run your analysis.

2B. Use these instructions to graph the following function:

Use Desmos.com as a tool to run your analysis.

2C. Use these instructions to graph the following function:

Use Desmos.com as a tool to run your analysis.