

VIII. Graphing $y = f(x)$:

p.247 / Exercises #50,54-60(even),66

HW: p.246 / Exercises #49-67(odd)

I. A rational function is defined as the quotient of two polynomials, *i.e.*,

$$R(\mathbf{x}) = \frac{P(\mathbf{x})}{Q(\mathbf{x})}$$

II. The Domain of $R(\mathbf{x})$ is $\{ \mathbf{x} \mid Q(\mathbf{x}) \neq 0 \}$

III. Examples (p.262): Exercises#4,10

HW: p.262 / Exercises #1-11(odd)