

## Unit 4: Rational Functions — Medicine Dosage Project

Criteria	4 – Excellent	3 – Good	2 – Fair	1 – Poor	0 – Missing
<b>Function Modeling</b>	Rational function correctly models dosage; variables defined	Function mostly correct; minor flaw	Attempted but missing important features	Incorrect	None
<b>Asymptote Interpretation</b>	Vertical & horizontal asymptotes explained in real-world context	One explained well, the other vague	Attempted but inaccurate	Minimal explanation	None
<b>Calculations</b>	Concentrations/times correct and justified	Minor calculation error	Several errors	Minimal attempt	None
<b>Application</b>	Safe intervals/dosage recommendations logical & supported by math	Recommendations present but vague	Weak connection to math	Minimal explanation	None
<b>Presentation</b>	Neat, graphs labeled, clear explanation	Adequate but missing labels	Messy or unclear	Minimal	None