

Advanced Math

Chapter 15A Homework Log

This sheet will be collected on test days each chapter in order to earn points for homework for the chapter. DO NOT LOSE THIS SHEET and DO NOT THROW AWAY HOMEWORK ASSIGNMENTS!

Learning Targets	Rate Yourself	Checked In?
<p>15.1 - Limits I can:</p> <ul style="list-style-type: none"> ● Revisit the ideas of: <ul style="list-style-type: none"> ○ The limit as “x gets large” ○ A function is continuous at a point ● Evaluate the limit of a function as x approaches a numeric value. 	<p style="text-align: center;">Rate your understanding of content in this lesson.</p> <p>Low High</p> <p style="text-align: center;">1 2 3 4 5</p>	
<p>15.2 - Average Rate of Change I can:</p> <ul style="list-style-type: none"> ● Investigate Average Rate of Change and its connection with slope. ● Begin to see the difference between a secant line and a tangent line. 	<p style="text-align: center;">Rate your understanding of content in this lesson.</p> <p>Low High</p> <p style="text-align: center;">1 2 3 4 5</p>	
<p>15.3 - Limit Definition for Derivatives I can:</p> <ul style="list-style-type: none"> ● Write the Limit Definition of the Derivative of a function. ● Use the Limit Definition to algebraically calculate the derivative of a function. 	<p style="text-align: center;">Rate your understanding of content in this lesson.</p> <p>Low High</p> <p style="text-align: center;">1 2 3 4 5</p>	
<p>15.4 - Velocity and Acceleration I can:</p> <ul style="list-style-type: none"> ● Calculate average velocity and instantaneous velocity. ● Find the instantaneous acceleration. 	<p style="text-align: center;">Rate your understanding of content in this lesson.</p> <p>Low High</p> <p style="text-align: center;">1 2 3 4 5</p>	

<p>15.5 - Writing Tangent Lines</p> <p>I can:</p> <ul style="list-style-type: none"> Write equations for tangent lines in point-slope form. 	<p>Rate your understanding of content in this lesson.</p> <p>Low High</p> <p>1 2 3 4 5</p>	
<p>15.6 - Product Rule</p> <p>I can:</p> <ul style="list-style-type: none"> Use the product rule to find the derivative of the function described by a given equation. 	<p>Rate your understanding of content in this lesson.</p> <p>Low High</p> <p>1 2 3 4 5</p>	
<p>15.7 - Quotient Rule</p> <p>I can:</p> <ul style="list-style-type: none"> Use the quotient rule to find the derivative of a function. 	<p>Rate your understanding of content in this lesson.</p> <p>Low High</p> <p>1 2 3 4 5</p>	
<p>15.8 - Chain Rule</p> <p>I can:</p> <ul style="list-style-type: none"> Use the chain rule to find the derivative of a function. 	<p>Rate your understanding of content in this lesson.</p> <p>Low High</p> <p>1 2 3 4 5</p>	