#### UNIT 1 – LIMITS – MCV4U1 LEGEND

## NAME: \_\_\_\_\_

			DAY # is present on front of each page
Beginning	Developing	Refining	Pages are in order, questions numbered
-didn't know how to begin	-used notes/examples for	-no notes or help needed	Steps are shown in solutions
-can't find my mistake	steps	-can find my own mistake	Evidence of checking your work is visible
-DON'T spend more than 5	-needed to look at a	without looking at a	Honestly classified each question done on a level -
min per question, if you do,	solution or got a hint to find	solution	beginning, developing or refining
that means you need to	my mistake	-can explain to another	Spiral review to improve recall by doing a random
get help!			question from last unit(s) or prior day(s)

DAY	Торіс	HW ASSIGNED		<b>SPIRAL REVIEW</b> date(s), quest, where is the proof
1	Intro to Limits	http://mrsk.ca/AP/Acv1.1limits.pdf 6a,b,c,7a,b,c,10,11a,b,12a,b,15,21,22		
2	Continuity	http://mrsk.ca/AP/Acv1.4continuity.pdf 1a,b,c,2a,b,c,4,5,6,8,9,10,11,12a,b,c,d,23a,b,c,d,25		
3	Limit Laws	http://mrsk.ca/AP/CALClimitsIntroOnly.pdf         5a,b,c,d,e,f,g,h,i         http://mrsk.ca/AP/F1.2introLimits+Laws.pdf		
4		34a,b,c,d,38,39           http://mrsk.ca/AP/PRACTICElimitCompositionReview.pc           Reg+AP:9g,h,11,12,13         AP:1,2,3,4,5,6,7,8	<u>If</u>	
5	Indeterminate Forms	http://mrsk.ca/AP/Acv1.2indetermForms.pdf http://mrsk.ca/AP/d1.2mixOfLimits.pdf http://mrsk.ca/AP/d1.3infLimits.pdf http://mrsk.ca/AP/W-indeterminateForm.pdf Evaluate/Sketch – LINK 2: 2,3,4,5,11,13,17,20, LINK 3: 6,7,22, Expand/Factor/LCD – LINK 1: 1a,b,e,3a,b,d,e,f, LINK 4: 1g,j,o Multiplying by conjugate/Rationalizing – LINK 1: 1c,d, 7, LINK 3:		
6				
Treg         Start Review         http://mrsk.ca/AP/Amore-limit-practice-2.pdf 1,2,3,4,5,6(only a,b,e,f),7,8           http://mrsk.ca/AP/ApracticeTest.pdf				
Trig Limits (AP)         http://mrsk.ca/AP/d1.6TrigLimits.pdf Sketch/evaluate 1,2,3,4           Manipulate as needed 7,9,10,11,13,14,15,16,17           Substitution 18,19,20,21,22           Squeeze Th 30,31, DAY4 LINK; 16,17,18,19		http://mrsk.ca/AP/d1.6TrigLimits.pdf Sketch/evaluate 1,2,3,4 Manipulate as needed 7,9,10,11,13,14,15,16,17		
8reg	More Review	http://mrsk.ca/AP/CALCcontinuity.pdf 1a,b,c,d,2,a,b DAY 7reg link 2: 21,24,25,27,28A,B		
8AP	IVT ( <mark>AP</mark> )	http://mrsk.ca/AP/IVT.pdf 1,2,3,4,5,6,7,8 DAY 7reg link 2: 2,5,8,18,22,23		
Sought help From:	Date(s):		Gave help To: Dat	le(s):
NO Par	tions from OneNote? rtially YES att J-work questions?	ach proof	Mock test creatio NO YES Summary/Journa	n? attach proof I notes all topics done?
NO Par	rtially YES at	tach proof	NO Partially	YES attach proof
My stren	gths	My weak areas	Plan of actio	on

#### UNIT 2 – DERIVATIVES – MCV4U1 LEGEND

NAME: \_\_\_\_\_

Beginning       Developing       Refining         -didn't know how to begin       -used notes/examples for       -no notes or help needed       Steps are shown in solutions         -can't find my mistake       -DON'T spend more than 5       -needed to look at a       -needed to look at a       solution or got a hint to find         min per question, if you do, that means you need to get help!       mistake       -can explain to another       Spiral review to improve recall by doing a random question from last unit(s) or prior day(s)

DAY	Τορις	HW ASSIGNED	<b>SPIRAL REVIEW</b> date(s), quest, where is the proof
1	The Derivative	http://mrsk.ca/AP/d2.2introDer+Sketches.pdf 1a,b,c,d,e,3a,b,4,5a,b,c	
		http://mrsk.ca/AP/TABfindLinesUsingDerivatives.pdf 0,1a,b,2,3,4	
2	Derivative	http://mrsk.ca/AP/wSketchingDeriv.pdf 1,2,3,4,5,6,7,8,9,10	
	Sketches	DAY1 LINK1:6a,b,c,d,7a,b,c,d	
3	Power Rule & AROC/IROC	http://mrsk.ca/AP/Acv2.4powerRule.pdf page1: 1,2,3 page2: 1A,B,C,D,E,F,G,2,3,4A,B	
	review	http://mrsk.ca/AP/PRACTICEroc.pdf 1,3a,b,e,4d,e,5a,b,c,6,7a,b,8	
4	Differentiability	http://mrsk.ca/AP/Acv2.2differentiability.pdf 3,4,7,8,11,12,13,14	
		http://mrsk.ca/AP/wDifferentiabilityConnectivity.pdf 1,2	
5	Chain Rule	http://mrsk.ca/AP/Acv2.5chain.pdf 1,3,4,7,9,10,20,25,27	
6	Product & Quotient Rules	http://mrsk.ca/AP/Acv2.6product.pdf 3,6,8,9,10,14,22D	
		http://mrsk.ca/AP/Acv2.8quotient.pdf 3,6,10,12,15,21,24	
7	More Chain Rule	http://mrsk.ca/AP/PRACTICEchainFormula.pdf 1a,b,c,d,2,3,4,5,6,7a,b,8a,b,c,9	
8	Trig Derivatives	http://mrsk.ca/AP/Acv3.2trigDeriv2.pdf 4,6,8,11,13,17,18,19,26,28,32,35,36	
		http://mrsk.ca/AP/Acv3.2trigDeriv.pdf 8,9,12,13,15,16,17,20	
9	Implicit Derivatives	http://mrsk.ca/AP/d3.1implicitDeriv.pdf 1,2,3,4,5,6,7,8,9	
10		10,11,12,13,14,15,16	
11	Exp & Log Derivatives	http://mrsk.ca/AP/Acv3.5expLogDeriv.pdf 8,10,15,16,17,18,21,22,27,29,30,31,32,38,42	
12		http://mrsk.ca/AP/d3.2logDeriv.pdf 6,7,8,13,14,16,18,19,20,21,23	
13reg	Start Review	http://mrsk.ca/AP/wDerivImplicitWordSketch.pdf 1a,b,c,d,e,f,2,3,4,5,6,7,8,9,10	
14reg		http://mrsk.ca/AP/AcvDerivPart1Review.pdf 2A,B,C,4A,B,D,5B,D,E,I,7A,B,C,8,12,13,15a,b	
13AP	Derivatives of Inverse	http://mrsk.ca/AP/CALCinverseTrigFunctions+Deriv2.pdf 1b,e,g,j,k,l,2a,c,f,g,h,i, 3a,b,c,d,e,f	
	Functions ( <mark>AP</mark> )	http://mrsk.ca/AP/Acv3.3derivInverseFunctions.pdf 3,5,6,8,9,10	
14AP		DAY13 LINK1: 5d,e,f,i,j,m,n,6a,b,7,9	

Sought help		Gave help
From: Date(s):		To: Date(s):
		March toot and the O
Review questions from OneNote?		Mock test creation?
NO Partially YES	attach proof	NO YES attach proof
Revisit board-work questions?		Summary/Journal notes all topics done?
NO Partially YES	attach proof	NO Partially YES attach proof
My strengths	My weak areas	Plan of action

# UNIT 3 - APP OF DERIV PART 1 - MCV4U1 NAME:

#### Legend

			DAY # is present on front of each page
Beginning -didn't know how to begin -can't find my mistake -DON'T spend more than 5 min per question, if you do, that means you need to get help!	<b>Developing</b> -used notes/examples for steps -needed to look at a solution or got a hint to find my mistake	<b>Refining</b> -no notes or help needed -can find my own mistake without looking at a solution -can explain to another	Pages are in order, questions numbered Steps are shown in solutions Evidence of checking your work is visible Honestly classified each question done on a level – beginning, developing or refining Spiral review to improve recall by doing a random question from last unit(s) or prior day(s)

DAY	Торіс	HW ASSIGNED	SPIRAL REVIEW date(s), quest, where is the proof		
1	Definitions + EVT	http://mrsk.ca/AP/Acv4.1extremeVal.pdf 1a,b,c,d,2a,b,c,d,3a,b,c,d,e,f,g,h,4a,b,c,d,e,f,5a,b,6a			
2reg	Review Prior Calculus Topics	14,15,16,17a,b			
2AP	MVT + Rolle's (review IVT) (AP)	http://mrsk.ca/AP/MVT+Rolles.pdf 1,2,3,4,5,6,7,8,9,10,11,12,13,14,15,16			
3	Function Analysis	http://mrsk.ca/AP/d4.1+4.2sketchIntro.pdf 1,2,3,4,5,11,12,13,14,15,18,19,21,22,23,25,26,27			
4	Sketching	http://mrsk.ca/AP/CALCcurveSketch2.pdf 1a,b,c,2c,f,k,n,o,p,q,r,3b,c,d			
5		http://mrsk.ca/AP/d4.2+4.3sketch.pdf 5,7,8,9,10,11,12,14			
6	Velocity & Acceleration	http://mrsk.ca/AP/PositionVelAccel.pdf 1,2,3,4,5			
7		http://mrsk.ca/AP/Motion_Graphs2.pdf 1,2,3,4,5			
8	Other Applications	http://mrsk.ca/AP/wInterpretDerivative.pdf 1,2,3,4,5,6			
9		http://mrsk.ca/AP/CALCrocWordProbEqtnGiven.pdf 1,2,3,4,6,7			
Sought hel From:	p Date(s):		Gave help To: Date(s):		
Review que	Mock test creation?				
NO F	NO YES attach proof				
Revisit boa	Revisit board-work questions? Summary/Journal notes				
NO F	Partially YES	attach proof	NO Partially YES attach proof		
My stre	ngths	My weak areas	Plan of action		

## UNIT 4 – APP OF DERIV PART2– MCV4U1

NAME: \_\_\_\_\_

#### LEGEND

			DAY # is present on front of each page
Beginning	Developing	Refining	Pages are in order, questions numbered
-didn't know how to begin	-used notes/examples for	-no notes or help needed	Steps are shown in solutions
-can't find my mistake	steps	-can find my own mistake	Evidence of checking your work is visible
-DON'T spend more than 5	-needed to look at a	without looking at a	Honestly classified each question done on a level -
min per question, if you do,	solution or got a hint to find	solution	beginning, developing or refining
that means you need to	my mistake	-can explain to another	Spiral review to improve recall by doing a random
get help!			question from last unit(s) or prior day(s)

DAY	Торіс	HW ASSIGNED	SPIRAL REVIEW date(s), quest, where is the proof
1	Optimization	http://mrsk.ca/AP/Aoptimization2.pdf Numbers: 2a,b,7,8 Area: 12,13,17,19 Perimeter: 22	a,b,25,27
2		Volume: 30,31,32,37 Distance: 40,41,42,43	
3		Money: 45,46,47 Time: 39,49 Misc: 48,50,51,55	
4	Related Rates	http://mrsk.ca/AP/ArelatedRates2.pdf 2,3,6a,b,7,8,9,14	
5		4,11,13,17,19,20,21	
6		24,28,31,32,34a,b,35,40,45	
7reg	Start Review	http://mrsk.ca/AP/TAB6_8optimizationPractice.pdf 1,2,3,4,5,6,7,8,9	
7AP	L'Hopital's Rule ( <mark>AP</mark> )	http://mrsk.ca/AP/CALC-L'Hopital'sRule.pdf 1e,f,k,n,p,s,u,v,2a,b,c,f,m,n	
8reg	More Review	http://mrsk.ca/AP/d3.5relatedRates.pdf 1a,b,2,3,4,5,6,7,8,9,10	
		http://mrsk.ca/AP/CALCLinearizationDifferentials.pc 1d,i,j,2a,b,h,3f,4a,b,5c,d,g,8,9,10	<u>If</u>
Sought help From:	Date(s):	Gave help To: Date(s):	
Review ques	stions from OneNote?	Mock test creation?	
NO Partially YES attach proof			NO YES attach proof
Revisit board	d-work questions?	Summary/Journal notes all topics done?	
NO Pa	rtially YES att	ach proof	NO Partially YES attach proof
My strer	igths	My weak areas	Plan of action

### COURSE REVIEW – MCV4U LEGEND

			UNIT # is present on front of each page
Beginning -didn't know how to begin -can't find my mistake -DON'T spend more than 5 min per question, if you do, that means you need to get help!	Developing -used notes/examples for steps -needed to look at a solution or got a hint to find my mistake	Refining -no notes or help needed -can find my own mistake without looking at a solution -can explain to another	Pages are in order, questions numbered Steps are shown in solutions Evidence of checking your work is visible Honestly classified each question done on a level – beginning, developing or refining

UNIT	Dates you came back to this topic	RATE THE QUESTIONS
1. Limits & Other review		8b,13b,15,16,47a,b,c,d,48,49,50,51,52,53a,b,c,d,e,54
2. Derivatives		1,2a,b,c,3,4,5,6,7,8a,9,11,12,13a,14,17,18,19,20,21,22,23,24,25,26, 27,31,32,33,34,35,36,38,39,40,41-(1)(2)(3)(4),42a,b,c,d,e,43a,b,c
<ol> <li>Application of Derivatives Part 1</li> </ol>		10,30a,b,37,45a,b,c,46a,b,c,55,56,57a,b,c,58,59a,b,60,61
4. Application of Derivatives Part 2		28,29,44a,b,c,d,62,63,64,65,66,67a,b,c,d