

UNIT 5 – INTEGRATION – AP




NAME: _____

LEGEND

I got it perfect on the first try	I made a mistake, but understand how to fix it (make a note of how you'd fix the mistake on your solution, you do not have to redo the whole question)	I had trouble in understanding and didn't want to just copy someone else's answer (need to seek out help about this one)	<input type="checkbox"/> DAY # is present on front of each page <input type="checkbox"/> Pages are in order, questions numbered <input type="checkbox"/> Steps are shown in solutions <input type="checkbox"/> Evidence of checking your work is visible <input type="checkbox"/> Filled in front page (including reflection questions) <input type="checkbox"/> was truthful in symbols designated ie. needed to get a hint or got a peek at the answer
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DAY	TOPIC	HW ASSIGNED	TOTAL
1	Antiderivatives or Indefinite Integrals	http://www.mrsk.ca/AP/Korpi6.1AntidifferentiationIntegration.pdf 1,2,3,4,5,6a,b,c,d,e,f,7a,b,c,d,e	/16
2	Area under V-T graphs	http://www.mrsk.ca/AP/DistanceSpeedTime.pdf 5a,b,c,d,6a,b,7a i)ii), 8a,b,c,d,10a,b	/14
3	Estimating Areas	http://www.mrsk.ca/AP/CALCApproximateIntegration.pdf 1a,b,c,d,2a,b,c,d,3a,b,c,d,	/12
4		DAY3 link: 1e,2e,3e,4a,b,c,5a,b,c http://www.mrsk.ca/AP/CALCdefiniteIntegral.pdf 1a,b,c,2a,b,c	/9 /6
5	Working with Sums	http://www.mrsk.ca/AP/PRACTICEworkWithSums.pdf 1,2,3,4,5,6,7,8,9,10	/10
6	Integral Properties	DAY4 link page2: 5,6,9a,b,c,d page3: 1,2,3,4,5,6,7	/13
7	Definite Integrals	Using geometric area http://www.mrsk.ca/AP/A5.3definiteIntegral.pdf 1,2,3,4,7,8 Using sigma sum properties DAY4 link page1: 3a,b,d,f,j,10a,b,c,d	/6 /9
8	FTC part 2 & Average Value of a Function	http://www.mrsk.ca/AP/PRACTICEaveVal.pdf PART1: 1,2,3 PART2: 1a,b,c,d,2,3 http://www.mrsk.ca/AP/CALC-FTC.pdf 2d,h,i,j,l,m,n	/9 /7
9	FTC part 1	DAY8 link2: 1a,b,c,d,e,f http://www.mrsk.ca/AP/Korpi6.3ftc.pdf 9a,b,c,d,10,	/6 /5
EXTRA?	Make a list of any questions you did over and above the list given, like review questions		

SELF-ASSESS

	I NOW KNOW / I NEED TO KNOW
	WHAT WENT WELL
	EVEN BETTER IF:

UNIT 6 – APP OF INTEGRATION PART 1 – AP




NAME: _____

LEGEND

I got it perfect on the first try	I made a mistake, but understand how to fix it (make a note of how you'd fix the mistake on your solution, you do not have to redo the whole question)	I had trouble in understanding and didn't want to just copy someone else's answer (need to seek out help about this one)	<input type="checkbox"/> DAY # is present on front of each page <input type="checkbox"/> Pages are in order, questions numbered <input type="checkbox"/> Steps are shown in solutions <input type="checkbox"/> Evidence of checking your work is visible <input type="checkbox"/> Filled in front page (including reflection questions) <input type="checkbox"/> was truthful in symbols designated ie. needed to get a hint or got a peek at the answer
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DAY	TOPIC	HW ASSIGNED	TOTAL
1	MVT for Integrals & Net Change	DAY8 link2: 5a,b,c,d,6a,b http://www.mrsk.ca/AP/Korpi8.1IntegralAsNetChange.pdf 1,2,3,4,5,6a,b,c,7a,b,c,d	/6 /12
2	Error Bounds on Estimating Integrals	http://www.mrsk.ca/AP/F4.2estimateAreas.pdf 1a,b,2a,b,3,4 http://www.mrsk.ca/AP/PRACTICEerrorBounds.pdf 1,2,3,4,5,6,7,8	/6 /8
3	Interpreting Integrals	http://www.mrsk.ca/AP/wAPinterpretIntegral.pdf 1,2,3,4,5,6 DAY1 link: 8a,b,c,9a,b,c,d,10a,b,c	/6 /10
4		DAY1 link: 11a,b,c,d,12a,b,c,d http://www.mrsk.ca/AP/PRACTICEaveVal.pdf 3a,b,c,7,9,10a,b,11,12,16	/8 /10
5	Integrating by U-sub	http://www.mrsk.ca/AP/CALCuSubstitution.pdf 1a,b,e,f,g,h,j,k,p,r,2c,g,k	/13
6		http://www.mrsk.ca/AP/PRACTICEuSubTrigInverses.pdf indefinite: 1,2,3,4,5,6,7 definite: 1,2,3	/10
7		http://www.mrsk.ca/AP/PRACTICEintegrationStrategies.pdf long divide: 1 direct sub: 2,3,5,7,8,10,14,15,20,21,27,37,44,46,48,49,50 Trig Id: 6,17,25 Complete Sq: 11,26,31,34,36	/1 /17 /3 /5
8	TI-89 calc?	http://www.mrsk.ca/AP/Korpi6.3ftc.pdf 1,2,3,5,6,11a,b,c,d,12d,e,f,g,h,18 DAY1 link: 3,4,6a,b,c,7a,b,c,d,8a,b,c,9a,b,c,d,10a,b,c	/15 /19
9	EXTRA? no calc	DAY8 link: 4,7a,b,8a,b,c,d,e,f,g,13,14,16a,b,c,d,e,f,g,17a,b,c,d DAY1 link: 1,2,5,11a,b,c,d,12a,b,c,d	/23 /11
EXTRA?	Make a list of any questions you did over and above the list given, like review questions		

SELF-ASSESS

	I NOW KNOW/I NEED TO KNOW
	WHAT WENT WELL
	EVEN BETTER IF:

UNIT 7 – APP OF INTEGRATION PART2– AP




NAME: _____

LEGEND

I got it perfect on the first try	I made a mistake, but understand how to fix it (make a note of how you'd fix the mistake on your solution, you do not have to redo the whole question)	I had trouble in understanding and didn't want to just copy someone else's answer (need to seek out help about this one)	<input type="checkbox"/> DAY # is present on front of each page <input type="checkbox"/> Pages are in order, questions numbered <input type="checkbox"/> Steps are shown in solutions <input type="checkbox"/> Evidence of checking your work is visible <input type="checkbox"/> Filled in front page (including reflection questions) <input type="checkbox"/> was truthful in symbols designated ie. needed to get a hint or got a peek at the answer
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DAY	TOPIC	HW ASSIGNED	TOTAL
1	Area Between Curves	http://www.mrsk.ca/AP/CALCareasBetweenCurves.pdf 1b,c,2a,b,c,g,h,i,7	/9
2	Volume	www.mrsk.ca/AP/CALCvolumesSolidsRevolution.pdf 1a,b,c,d,e,f,g,h,i,j,k,l	/12
3		DAY2 link: 2a,b,c,d,e,f,g,3c,d,4c,d,5a,b,6,a,b,7a,d	/17
4		http://www.mrsk.ca/AP/Fii1.1volSlicing.pdf 1,2,3,4,5	/5
5	Slope Fields	http://www.mrsk.ca/AP/henricoSlopeFields.pdf 7,8,9,10,11,12,13,14,15,16,17A,B,C,D,18A,B,C,D,E, examQues a,b	/21
6	Differential Equations	http://www.mrsk.ca/AP/F1.2separableEq.pdf 1,2,3,4,5,6,7,8,9,10,11,12,13,14,15,16,17	/17
7	Applications of DE	http://www.mrsk.ca/AP/PRACTICEdifferentialEqtnsAPP.pdf set1: 1,2,3,4,5,6 set3: 7,8,11,12	/10
8		DAY7 link set4: 1,2,3,4,5,6,7,8,10,11,12	/12
EXTRA?	Make a list of any questions you did over and above the list given, like review questions		

SELF-ASSESS

	I NOW KNOW / I NEED TO KNOW
	WHAT WENT WELL
	EVEN BETTER IF:

<http://www.mrsk.ca/AP/PRACTICEintegrationStrategies.pdf>

long divide: 1

direct sub: 2,3,5,7,8,10,14,15,20,21,27,37,44,46,48,49,50

Trig Id: 6,17,25

Complete Sq: 11,26,31,34,36

TO LEARN INDEP LATER?

Partial Fractions:12,19,28,33,40

By parts: 13,16,18,24,29,38,39,45

Trig: 9,22,23,41,42,43,47