

# Problem Sets

## Multivariable Calculus II, Section A

### Fall 2007

December 5, 2007

Table 1: Problem Sets

	Monday	Tuesday	Wednesday	Thursday	Friday
September 10	<b>1.1</b> 22, 25 <b>1.2</b> 13, 17, 23, 29, 37(a) <b>1.3</b> 13, 22, 28		<b>1.4</b> 7, 11, 19, 22, 23, 26 <b>1.5</b> 1, 3, 9, 17, 21, 27, 33		
September 17	<b>1.6</b> 7, 10, 15 <b>1.7</b> 7, 11, 15, 19, 31 (due Wed.)		<b>2.1</b> 2, 7, 8, 11, 17, 21, 29, 37, 45 (due Wed.)		
September 24	<b>2.2</b> 3, 5, 11, 19, 25, 29, 35, 49(due Fri.)				<b>2.3</b> 1, 3, 8, 27, 31, 45 (due Mon.)
October 1	<b>2.3</b> 21, 35		<b>2.4</b> 2, 6, 10, 19, 24		<b>2.5</b> 1,8, 11, 17, 21, 31, 36
October 8	<b>2.6</b> 5, 11, 15, 21, 27, 31(due next Monday)			EXAM at 7pm	
October 15	<b>3.1</b> 4, 5, 9, 11, 17, 23, 27		<b>3.2</b> 5, 7, 11, 12, 19 (due Wed.)		
October 22	Fall break		<b>3.3</b> 1, 5 (use Maple!), 8, 9, 19, 21, 26		<b>3.4</b> 3, 9, 13(a,b,c), 16, 23, 28 <b>3.6</b> 39
October 29			<b>4.1</b> 9, 13, 15, 19, 22, 27(a), 31		<b>4.2</b> 1, 5, 13, 23(a), 30, 37, 42 (see Note below)

Problems are from Susan Colley's text: *Vector Calculus, 3rd edition*.

**Note;** For this assignment, you should obtain the graphs via Maple when appropriate on the appropriate part of the domain.

SEE NEXT PAGE!

Table 2: Problem Sets

	Monday	Tuesday	Wednesday	Thursday	Friday
November 5	<b>4.3</b> 1, 3, 9, 11, 20, 26		<b>4.4</b> 1, 5, 11, 13		<b>5.1</b> 1, 3, 9, 11,16
November 12	<b>5.2</b> 1, 3, 9, 15, 17		<b>5.3</b> 3,7, 11, 17, 19		
November 19	<b>5.4</b> 3, 7, 11, 13, 17, 21 (use Maple to sketch)			Thanksgiving Recess	
November 26	<b>5.5</b> 9, 13, 15, 19, 25, 27 (due Friday)		<b>5.6</b> 5, 8 (also due Friday)		<b>6.1</b> 1, 3, 7, 11 (due Monday)
December 3	<b>6.1</b> 19, 25		<b>6.2</b> 1, 5, 7, 13, 19, 24		