

# Problem Sets

MATH 200 - Linear Algebra  
Spring 2017

Problems from Lay's *Linear Algebra, 4th edition*

May 10, 2017

Table 1: Problem sets are due day of next class meeting.

	Monday	Tuesday	Wednesday	Thursday	Friday
February 13	<b>1.1</b> 1, 3, 5, 7, 11, 13, 15, 18, 19, 23, 29 Read 33, 34		<b>1.2</b> 1, 3, 7, 11, 13, 19, 21, 23, 29, 32 Read 33, 34		Winter Carnival (no class)
February 20	<b>1.3</b> 1, 5, 7, 9, 11, 15, 18, 21, 23, 27		<b>1.4</b> 1, 2, 3, 5, 8, 11, 15, 19, 21, 25, 29		<b>1.5</b> 1, 3, 7, 11, 13, 17, 20, 21, 27, 31
February 27	<b>1.6</b> 11, 13, 14 (use Maple for these problems!)		<b>1.7</b> 1, 3, 7, 9, 12, 15, 17, 21, 23, 27, 31, 33, 37		<b>1.8</b> 1, 3, 6, 9, 11, 15, 18, 21, 25, 30, 31
March 6	<b>1.9</b> 1, 3, 7, 8, 13, 15, 17, 21, 23, 29, 35 Read section <b>1.10</b>		<b>2.1</b> 1, 3, 5, 9, 10, 12, 15, 17, 21, 28		<b>2.2</b> 1, 5, 7, 9, 11, 17, 21, 31
March 13	<b>2.3</b> 1, 5, 11, 13, 15, 17, 21, 23, 31			<b>EXAM thru 2.3</b>	<b>2.4</b> 1, 3, 5, 9, 11, 15
	Economists read Section 2.6		Computer Sci. read 2.7		Physicists re-read end of 2.5
March 20	<b>2.5</b> 1, 3, 9, 19, 23 (Read 29, 31) (due Wed.)		<b>3.1</b> 1, 5, 12, 19, 20, 21, 25, 39		<b>3.2</b> 1, 3, 5, 11, 15, 21, 25, 27, 30, 35, 37
March 27	Spring		break		no class

Table 2: Problem sets are due day of next class meeting.

April 3	<b>4.1</b> 1, 3, 5, 7, 11, 19, 21, 23, 32		<b>4.2</b> 1, 3, 5, 9, 15, 17, 25, 27, 29		<b>4.3</b> 1, 5, 7, 11, 13, 15, 21, 23, 29, 34
April 10	<b>4.4</b> 1, 3, 7, 9, 13, 15, 19, 27		<b>4.5</b> 1, 5, 9, 11, 13, 15, 19, 21, 29, 31		<b>4.6</b> 1, 3, 5, 7, 11, 17, 21, 27, 31
April 17	<b>4.7</b> 1, 3, 7, 9, 11, 15		<b>4.9</b> 3 and 5 (due Mon.)	Exam thru 4.7	Student Symposium
April 24	<b>5.1</b> 1, 3, 7, 9, 13, 19, 21, 27, 31		<b>5.2</b> 1, 5, 9, 15, 17, 21		<b>5.3</b> 1, 3, 5, 7, 11, 17, 21, 23, 27
May 1	<b>5.4</b> 1, 3, 7, 11, 13, 17, 19, 25		<b>6.1</b> 1, 3, 5, 7, 9, 13, 15, 17, 19, 27		<b>6.2</b> 1, 3, 7, 9, 11, 15, 17, 21, 23
May 8	<b>6.3</b> 1, 3, 5, 7, 9, 11, 15, 17, 21		<b>6.4</b> 1, 3, 7, 9, 13, 17		<b>6.5</b> 1, 3, 5, 9, 13, 17 (the last problem set!)
May 15				Final Exam, Thurs. 18th, 2-5pm	