

# RECOMMENDED ETEXT EXERCISES — Math 11100 — Algebra

**NOTE:** See page 2 for details regarding the eText, and for a comprehensive list of problems for this course. Note that I *strongly recommend* that you complete all of the problems on this page. Contact me for help before you give up!

## SHORT List

**INSTRUCTIONS:** You should be proficient at working the problems in Ch. R and sections 1.1 - 1.4 before enrolling in Math 11100; review those problems as needed. To be considered proficient in Math 11100 you must, at a minimum, be able to quickly and correctly work all of the problems listed below (with adequate detail in your written work). Check answers as you go and get help as needed. Don't stop studying until you can work **ALL** of the problems in the row!

<b>1.5</b>	#29, 35, 37, 39; 51, 55; 59, 63; 65.	
<b>1.6</b>	#7, 13; 15, 17; 23, 25, 29; 31, 33; 35, 41, 43; 49, 51; 59, 61.	
<b>1.7</b>	#1; 7, 11; 33; 47, 53; 55, 65, 73; 81, 83, 85; 91; 99, 101, 115.	
<b>2.1</b>	#25, 29; 35, 43, 47, 51; 65, 69.	
<b>2.2</b>	#27, 29, 31, 33; 55, 57, 61, 63; 69, 73, 75; 81, 85, 87, 89.	
<b>2.3</b>	#7, 9, 11, 13; 21; 33; 41, 45; 49, 53, 55; 61, 63, 67; 71, 73, 75, 77.	NOTE: Omit section 2.4
<b>2.5</b>	#17, 19; 33, 39, 41; 47, 51, 55, 61, 65.	
<b>2.6</b>	#5, 21, 23, 25, 29; 47, 49; 53, 59.	
<b>3.1</b>	#11, 13; 29, 35, 37; 45, 49, 51, 55; 63, 65; 71.	NOTE: Omit section 3.2
<b>3.3</b>	#1, 3, 5; 7; 21, 25; 29, 33; 35; 37.	
<b>4.1</b>	#9, 17; 21; 25, 27, 33; 35; 37, 43, 45, 47; 59; 63, 71, 75; 79, 87; 91; 95, 99; 107, 115, 131, 139, 143.	
<b>4.2</b>	#23, 25, 27, 29; 35, 45, 51; 53, 63.	<b>Exam #1 Breakpoint</b>
<b>4.3</b>	#13; 21; 25, 29, 35; 43, 45; 53, 55.	
<b>4.4</b>	#5, 11, 21, 23; 35, 43; 47, 53; 57, 63; 75, 77, 79; 109; 111, 117.	
<b>4.5</b>	#5, 11; 15; 17, 23, 33, 37, 43, 47.	
<b>5.1</b>	#9, 15, 27, 29, 33; 45; 47, 51, 61, 63, 69.	
<b>5.2</b>	#3; 19, 25, 37, 47, 53; 61; 71.	
<b>5.3</b>	#1, 3; 7, 17, 21, 23, 29, 35, 37, 55, 63.	
<b>5.4</b>	#1; 7, 9, 13, 19, 21, 27, 37, 41, 47, 57, 61, 65.	
<b>5.5</b>	#5, 11, 15, 19, 23, 27, 35; 39, 45; 59, 63, 65; 71, 75.	
<b>6.1</b>	#5, 9, 11; 23, 25; 29, 39, 49; 53, 59; 69, 77, 91.	
<b>6.2</b>	#9, 19; 23, 33, 39; 43, 59, 61, 67, 77; 81, 89.	
<b>6.3</b>	#5, 7, 9, 11; 15, 21, 29, 33, 35; 41.	<b>Exam #2 Breakpoint</b>
<b>6.4</b>	#1; 3, 11, 13; 15, 19, 33, 41, 45; 49, 53.	
<b>6.5</b>	#13, 19, 21, 23; 29, 39, 47, 53, 57, 59.	NOTE: Omit section 6.6
<b>7.1</b>	#13, 19, 29, 31, 37; 45; 53, 57, 59, 69, 71; 73.	
<b>7.2</b>	#3, 5, 7, 9; 19, 21, 23, 29, 31; 39, 43; 53, 57; 61, 71, 79, 81, 89; 91, 93.	
<b>7.3</b>	#3; 13, 21; 29, 37, 41; 45, 55, 57, 65; 71, 83, 85, 95; 101; 107, 109; 113, 115; 121, 123.	
<b>7.4</b>	#1; 7, 17, 25, 35; 51, 53.	
<b>7.5</b>	#1, 3, 5; 13, 23, 27, 33; 43, 55, 61, 63; 71, 81; 83, 91, 95; 103, 105.	
<b>7.6</b>	#1, 3, 5; 9, 11, 19, 27, 29, 31; 37, 45, 51, 55; 65.	
<b>7.7</b>	#15, 19; 21, 27; 33, 37; 51, 55, 59; 71, 77; 79, 85.	
<b>8.1</b>	#9; 13, 21, 25, 35; 51, 53; 57, 63, 67; 75, 79, 83.	
<b>8.2</b>	#5, 9, 19; 29, 37; 39, 45.	<b>Exam #3 Breakpoint</b>
<b>8.3</b>	#9, 13, 21; 25; 29, 35; 39, 45; 51, 59, 65; 73, 77, 83.	
<b>8.4</b>	#11, 17, 21; 31, 37, 43.	
<b>8.5</b>	#1; 3; 5, 7, 9, 11; 15, 17; 21, 23, 27, 35.	
<b>8.6</b>	#7, 9; 13; 19; 25, 31; 45, 47.	
<b>8.7</b>	#3; 11, 15, 21; 25, 27; 33; 41, 47.	
<b>9.1</b>	#11, 17, 21, 23; 27; 35, 39.	
<b>9.2</b>	#7; 19, 21; 29, 31, 37.	
<b>9.3</b>	#1; 5, 11; 17, 25; 29; 43, 49, 61; 65, 69, 73, 77.	
<b>9.4</b>	#13, 19, 21; 27, 33; 37, 45; 49, 53.	
<b>9.5</b>	#5; 7, 17, 29; 47; 55, 59.	
<b>9.6</b>	#1, 3; 5, 15; 17, 21; 29, 35, 37; 43, 45, 47; 55.	<b>Exam #4 Breakpoint</b>

**eText (and Optional Loose Leaf Book):** Everyone enrolled in Math 11100 is automatically given access to MyLabsPlus through the *Pearson MyLabsPlus (MLP)* link in Canvas. Once in MLP look for a link to the eText for this course.

- MLP/Ebook: *Intermediate Algebra, Custom Ed. for IUPUI*, Lial, Hornsby, McGinnis
- Loose leaf (ISBN 9781323494097): *Intermediate Algebra, Custom Ed. for IUPUI*, Lial, Hornsby, McGinnis

## LONG List

**INSTRUCTIONS:** After working all of the problems that appear in the Short List (on page 1), work as many of the problems listed below as possible, especially the problems that are similar to any that you struggled with in the Short List.

<b>1.5</b>	#1-5 ODD, 9-67 ODD.	
<b>1.6</b>	#7-61 ODD.	
<b>1.7</b>	#1-39 ODD, #43-73 ODD, #79-85 ODD, #91-115 ODD.	
<b>2.1</b>	#1-6 <b>ALL</b> , #9, #13-31 ODD, #35-71 ODD.	
<b>2.2</b>	#1, #7-35 ODD, #41-47 ODD, #55-89 ODD.	
<b>2.3</b>	#1-3 <b>ALL</b> , #7-45 ODD, #49-55 ODD, #61-91 ODD.	NOTE: We omit section 2.4 in this course.
<b>2.5</b>	#17-41 ODD, 45-65 ODD.	
<b>2.6</b>	#5-67 ODD.	
<b>3.1</b>	#1-7 ODD, #11-39 ODD, #45-57 ODD, #63-71 ODD.	NOTE: We omit section 3.2 in this course.
<b>3.3</b>	#1-13 ODD, 21, #25-37 ODD.	
<b>4.1</b>	#9-51 ODD, #59-143 ODD.	
<b>4.2</b>	#3-71 ODD.	
<b>4.3</b>	#9-21 ODD, #25-35 ODD, #43-57 ODD.	
<b>4.4</b>	#5-23 ODD, #35-63 ODD, #75-85 ODD, #105-119 ODD.	
<b>4.5</b>	#5-49 ODD, #61-75 ODD.	
<b>5.1</b>	#1-71 ODD.	
<b>5.2</b>	#1-63 ODD, #71-75 ODD.	
<b>5.3</b>	#1-63 ODD.	
<b>5.4</b>	#1-69 ODD.	
<b>5.5</b>	#1-47 ODD, 55, #59-75 ODD.	
<b>6.1</b>	#3-91 ODD.	
<b>6.2</b>	#3-89 ODD.	
<b>6.3</b>	#5-45 ODD.	
<b>6.4</b>	#1-53 ODD.	
<b>6.5</b>	#1-23 ODD, #29-39 ODD, 47, 49, #53-59 ODD.	NOTE: We omit section 6.6 in this course.
<b>7.1</b>	#11-83 ODD.	
<b>7.2</b>	#1-97 ODD.	
<b>7.3</b>	#1-123 ODD.	
<b>7.4</b>	#1-55 ODD.	
<b>7.5</b>	#1-27 ODD, #31-39 ODD, #43-105 ODD.	
<b>7.6</b>	#1-55 ODD, #63-67 ODD.	
<b>7.7</b>	#13-39 ODD, #47-87 ODD.	
<b>8.1</b>	#5-37 ODD, #43-69 ODD, #75-85 ODD.	
<b>8.2</b>	#5-45 ODD.	
<b>8.3</b>	#7-29 ODD, #33-47 ODD, #51-83 ODD.	
<b>8.4</b>	#7-21 ODD, #29-47 ODD.	
<b>8.5</b>	#1-37 ODD.	
<b>8.6</b>	#1-33 ODD, 39, 43, 45, 47.	
<b>8.7</b>	#1-47 ODD.	
<b>9.1</b>	#3-39 ODD.	
<b>9.2</b>	#1-37 ODD.	
<b>9.3</b>	#1-49 ODD, #53-81 ODD.	
<b>9.4</b>	#1, 3, #7-33 ODD, #37-55 ODD.	
<b>9.5</b>	#1, #5-29 ODD, 47, #55-65 ODD.	
<b>9.6</b>	#1-59 ODD.	