

## MATH 242 HOMEWORK ASSIGNMENT LIST

Note: “V” refers to Vocabulary Check exercises  
 “odd” means odd numbered problems; “EOO” means every other odd problem (such as 1, 5, 9, ...)  
 Do the even problems (in bold) last after you have completed the others in the set

SECTION NUMBER	PROBLEMS		
	SET A	SET B	SET C
<b>A.5</b>	17, 21, 27, 33, 39, 55, 61, 75, 83, 95, 101, 117, 155, 161, 179	143, 163, 173, <b>42, 88, 108</b>	<b>150</b>
<b>A.6</b>	1, 5, 25, 29, 35, 39, 45, 49, 53, 57	63, 65, 69, 73, 77, <b>4, 44, 52</b>	<b>74</b>
<b>1.2</b>	<b>(V: 3-5)</b> 11-17 odd, 45-51 odd, 55	21-27 odd, 31, 57, 61, 65, 67, 69, <b>20, 54, 60</b>	63, 77, 78, <b>30</b>
<b>1.4</b>	<b>(V: 3)</b> 5-13 odd, 21, 25-29 odd, 33, 35, 39, 41, 95	37, 45, 47, 53-61 odd, 79, 81, 93, 99, <b>20, 32, 44</b>	51, 83, 89, 101, <b>48, 68, 82, 106</b>
<b>1.5</b>	<b>(V: 3-8)</b> 1, 3, 5, 9, 11, 13, 17, 21, 25, 29-35 odd	41, 51, 53, 55, 59, 61, 71, 73, 85, 101, <b>8, 28, 36</b>	63-67 odd, 89, 99, <b>115, 46, 58, 74, 98</b>
<b>9.1</b>	<b>(V: 2, 4)</b> 1, 5, 9, 13, 21, 25-31 odd, 37, 41, 49	51, 53, 55, 59-69 odd, 123, <b>18, 46, 58, 72</b>	
<b>1.6</b>	1, 5, 9, 13, 21, 25, 29, 37, 43, 45, 47	53, 55, <b>18, 50, 54</b>	61, 71, <b>56</b>
<b>1.7</b>	<b>(V: 4-6)</b> 1ab, 7-15 odd, 19, 23, 25, 27, 43-49 odd	39, 51, 53, 65, 85, <b>6, 18, 34</b>	<b>73, 66</b>
<b>1.8</b>	1-7 odd, 11-21 odd, 31-37 odd, 41	23, 29, 43-49 odd, 63, <b>10, 24, 40, 74</b>	57, 65, <b>44, 52</b>

### EXAM 1

<b>1.3</b>	95bc, 101-109 odd, 127	<b>102, 108, 110abc</b>	
<b>Handout 1</b>	1-3, 5-9, 11	12, 13, 15-19, 21, 22, <b>4, 10, 14</b>	23, <b>20, 24</b>
<b>9.2</b>	<b>(V: 1)</b> 1, 3, 5, 9-21 odd, 25, 27, 31-41 odd, 45-55 odd, 101, <b>6, 30, 44</b>		
<b>2.1</b>	<b>(V: 4, 5)</b> 1-7 odd, 15, 17, 19, 23, 27, 29, 53, 55, 57, 61	37, 41, 45, 65, 75, 77, 79, 83, <b>18, 26, 34</b>	85ab, 93, 99, 101, 103, <b>48, 76</b>
<b>2.2</b>	<b>(V: 3-5)</b> 1-9 odd, 11abcd, 13, 15, 19-25 odd, 33, 35, 41, 43, 45, 83, 99, 101	49, 51, 57, 61, 67, 71, 73, 75, 79, 89, <b>18, 38, 102</b>	55, 119, <b>60, 78, 92</b>
<b>2.3</b>	19, 27, 37, 39, 45, 49, 51, 57,	59, 61, 65, 67, <b>42, 54</b>	<b>75, 66, 76</b>
<b>2.5</b>	1-9 odd, 13, 17, 23-29 odd, 113, 137	35, 37, 39, 59-67 odd, 69, 73, 75, 123, <b>20, 32, 136</b>	93, 115, 117, 121, <b>68, 78</b>
<b>2.6</b>	<b>(V: 2, 3)</b> 3-7 odd, 11-21 odd, 25, 27, 29, 33, 35, 39, 47 (use transformations for 27 & 29)	41, 45, 51, 57, 65, <b>10, 24, 38, 82</b>	59, 73, 75, 83, <b>56, 84</b>
<b>2.7</b>	(Do all graphically) 9, 13, 17, 21, 25-27, 33, 35, 55, 61	(Do all graphically) 37-41 odd, 47, 51, 53, <b>20, 30, 58</b>	59, 69, 79, <b>44</b>

### EXAM 2

<b>1.9</b>	<b>(V: 1-5)</b> 1, 3, 7-17 odd, 25, 27, 29-37 odd, 79ab, 89, 91	39-47 odd, 51, 55-61 odd, 65, <b>6, 20, 30</b>	23, 83, 85, <b>50, 68</b>
<b>3.1</b>	1-13 odd, 17, 23, 39, 47, 63, 67	27-35 odd, 41, 43, 49, 53, 57, 61, 65, <b>16, 22, 80</b>	73, 77, <b>64, 66, 78</b>
<b>9.3</b>	<b>(V: 1)</b> 1, 3, 5, 15, 19, 23, 27, 31, 35, 37, 39, 47, 51, <b>8, 26, 42</b>		
<b>3.2</b>	<b>(V: 1-3)</b> 1-13 EOO, 17-25 odd, 31, 33, 37, 39, 41-61 EOO, 63, 69, 71, 75, 77	89, 95, 97, <b>36, 44, 98</b>	103, 105, 107, <b>90</b>
<b>3.3</b>	3, 7, 9, 15, 21, 25, 31, 33, 37-43 odd, 47-75 EOO; and p.236: 27, 29, 65	45, 49, 57, 61, 69-81 EOO, <b>28, 54, 66</b>	87, 89, <b>86abc, 88, 90</b>
<b>3.4</b>	9, 11, 15, 25-37 EOO, 45-65 EOO, 67, 103	13, 17, 19, 77, 83, 85, 89, 93, 97, 99, 105, 107; <b>42, 62, 72</b> ; and p.237: 79, 81	109, 111, 133, <b>92, 116</b>
<b>3.5</b>	7-17 odd, 25, 27, 31, 33, 35-41 odd	43, 45, 51, 57, 59, <b>32, 46, 62</b>	47, 49, 71, <b>50, 52</b>

### EXAM 3

## MATH 242 HOMEWORK ASSIGNMENT LIST

Note: "V" refers to Vocabulary Check exercises  
 "odd" means odd numbered problems; "EOO" means every other odd problem (such as 1, 5, 9, ...)  
 Do the even problems (in bold) last after you have completed the others in the set

SECTION NUMBER	PROBLEMS		
	SET A	SET B	SET C
<b>7.1</b>	3, 7, 9, 13, 25, 27, 35, 41, 43, 45, 49-55 odd	59, 63, <b>12, 48, 58</b>	69, 93
<b>7.5</b>	1, 11, 15, 37, 41, 43, 45, 49	29, 57, 59, 69, 73, <b>14, 30, 48</b>	75, 85, 87, <b>88</b>
<b>7.6</b>	5, 7, 13, 15, 21, 23	39, 41, 43, <b>18</b>	63, <b>40</b>
<b>7.3</b>	5, (use Gaussian elimination for all following problems) 13, 15, 19, 23	45, <b>22</b>	
<b>8.1</b>	(V: <b>2, 5, 6</b> ) 1-9 odd, 13, 19, 21, 29, 31, 47, 49, 59, 61, 65, 69	39, 41, 63, 71, 73, 75, 85, <b>12, 64, 82</b>	87, 89
<b>7.4</b>	1-9 odd, 13, 15, 19-25 odd, 29	33, 37, 39, <b>12, 28, 34</b>	51, 61, <b>42</b>
<b>8.2</b>	(V: <b>3, 4</b> ) 3, 5, 7, 11, 17, 19, 25-39 odd	41, 45, 51, 53, 55, 61, <b>8, 30, 82</b>	63, 65, 67, <b>56</b>

### EXAM 4

<b>8.3</b>	(V: <b>3, 4</b> ) (do all exercises using calculator) 1, 5, 13, 17, 25, 29, 33, 53, 57-63 odd	(do on calculator) 65, <b>22, 56</b>	71
<b>8.4</b>	5-21 EOO, 31, 37, 39, 41, 45, 53, 55, 57	47, 73, 75, 77, 97, <b>34, 44</b>	79, 81, <b>78</b>
<b>10.2</b>	(V: <b>2-6</b> ) 5-11 odd, 15, 17, 21, 23, 27	29-35 odd, 39, 41, 45, 47, 61, <b>14, 20</b>	63, 77, 81, <b>38, 42, 50</b>
<b>10.3</b>	(V: <b>1-4</b> ) 1-9 odd, 13, 15, 19-25 odd, 29, 31, 33	35-43 odd, 47, 49, 55, <b>12, 18, 28</b>	57, 59, 71, 73, <b>46, 54</b>
<b>10.4</b>	(V: <b>1, 3</b> ) 1-9 odd, 13, 17, 19	21, 25-31 odd, 35, 37, <b>10, 16</b>	39, 45-59 odd, <b>24, 34</b>
<b>10.6</b>	(V: <b>1-3</b> ) (do all both by hand and using calculator) 1, 3, 5, 7, 11	(do all on calculator) 19, 21, 23acd, <b>10</b>	<b>22, 52, 66</b>

### EXAM 5

<b>9.1</b>			(V: <b>7-9</b> ) 73, 75, 77, 81-93 odd, 99, 101, <b>80, 96</b>
<b>9.2</b>		57, 61-69 odd, 75, 77, 81, 83	85, 87, <b>60, 74</b>
<b>9.3</b>		53, 57, 61, 69, 73-85 odd, 89, 91, 103	93, 105, 119, <b>66, 88</b>
<b>9.5</b>	1, 5, 9, 17, 21, 29, 35, 37, 39	49, 53, 59, 87, <b>26, 46, 86</b>	93, 95, <b>52</b>

### FINAL EXAM