***MAC 1105 – College Algebra 10th ed. (red book)***

***Assignments***

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| ***Section*** | ***Suggested Problems*** |
|  |  ***Chapter 1 – Absolute Value Equations and Inequalities*** |
|  **1.5**  |  11-16, 23, 25, 27, 31, 33, 35, 37, 39-52, 53, 55, 57, 59, 63, 67, 71, 75, 77 |
|  **1.6**  | 1-7, 9, 11, 13, 19, 21, 23, 25, 31, 35, 39, 41, 47, 53, 55 |
| **Review** | 1 -31, 39 – 45, 47 – 77 odds |
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|  |  ***Chapter 2 – Graphs (lines and variation)*** |
|  **2.1**  | 15, 17, 19, 23, 29, 35, 39, 41, 45, 47, 49, 51, 59 |
|  **2.2**  | 11, 13, 15, 39, 41, 43, 45, 47, 51-73 odd, 83 |
|  **2.3**  | 11,13, 15, 17, 23, 25, 27, 41, 43, 45, 47, 49, 57, 59, 65, 71, 73, 79, 103-106, 115 – 121 odd |
|  **2.4** | 1 – 41 odds |
|  **2.5**  | 3-14, 15, 17, 23, 25, 31, 33, 35, 37 |
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|  |  ***Chapter 3 -- Functions*** |
|  **3.1**  | 15-37 odd, 39, 41, 47- 105 odd |
|  **3.2**  | 1-9, 11-21, 23, 25, 27, 29, 31, 33, 35 |
|  **3.3**  | 1- 56 odd, 57, 59 |
|  **3.4**  | 11 – 51 odd |
|  **3.5**  | 1 – 65 odd, 75, 77 |
|  **3.6**  | 1-9, 15, 19, 25 |
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|  |  ***Chapter 4 – Linear and Quadratic Functions*** |
|  **4.1**  | 13 – 41 odd, 47, 49 |
|  **4.2** | 5 – 19 odd |
|  **4.3**  | 1- 61 odd, 71 |
|  **4.4**  | 3, 5, 7, 9, 11, 17 |
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|  |  ***Chapter 6 – Logarithms and Exponents*** |
|  **6.1**  | 1- 45 odd, 53 – 59 odd, 61 – 69 odd |
|  **6.2**  | 1- 77 odd, 91, 93 |
|  **6.3**  | 1- 91 odd, 105, 107, 109, 113 |
|  **6.4**  | 1 - 112 odd, 121, 123, 125 |
|  **6.5**  | 1-77 odd, 87 – 109 odd |
|  **6.6**  | 1 – 67 odd, 71, 73, 97 |
|  **6.7**  | 1, 3, 5, 11, 13, 21, 31, 35, 39, 43, 51, 57, 59, 67, 69 |
|  **6.8**  | 1, 3, 5, 7, 11, 13, 15, 23, 25, 27 |
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|  |  ***Chapter 5 – Rational Functions*** |
|  **5.1** | 1-22, 37-43 odd, 45, 47, 51, 53, 55, 57, 59, 61, 67, 69 – 97 odd |
|  **5.2** | 1-21 odd, 23-31, 43, 45, 47, 57, 59, 61 |
|  **5.3** | 7, 9, 11, 13, 25, 45, 47 |
| **5.4** | 5 – 43 odd  |
| **5.5** | 11-63 odd |
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|  |  ***Chapter 8 – Systems of Equations*** |
|  **8.1**  | 1-7, 9, 13, 17, 19 – 37 odd, 43, 45, 51, 59, 61, 71 |
|  **8.6**  | 5-45 odd, 57, 59 71, 73, 83, 87 |
|  **8.7**  | 11 – 41 odd, 57, 59 |