

**Math 101: Intermediate Algebra Suggested Problems List, Spring 2008**

- 1.1** 1, 5, 11, 16, 17, 18, 25, 27  $\mapsto$  36, 48, 49, 58, 96, 100, 105, 109
- 1.2** 1 $\mapsto$ 10, 11, 12, 14, 15, 16, 18, 21, 23, 25, 27, 28, 29, 30, 33, 34, 45, 46, 47, 48, 49, 50, 64, 66, 67  $\mapsto$ 70
- 1.3** 25, 29, 30, 31, 35, 36, 41, 48, 49, 53  $\mapsto$  60, 66, 71  $\mapsto$  78
- 1.4** 1  $\mapsto$  10, 25, 28, 32  $\mapsto$  38, 55, 59
- 2.1** 9, 10, 15, 16, 25, 28, 29, 30, 39  $\mapsto$  47, 53, 54, 63, 66
- 2.2** 7, 17, 18, 20, 21, 22, 23, 24, 37, 38, 39, 40
- 2.3** 7  $\mapsto$  20, 43, 44, 49, 50
- 2.4** 9, 10, 23, 24, 29, 30
- 2.5** 1  $\mapsto$  6, 25  $\mapsto$  30, 41, 45, 46, 49, 50, 52
- 2.6** 17  $\mapsto$  20, 27, 28, 32, 33  $\mapsto$  36, 43, 44, 45, 46, 47  $\mapsto$  50
- 2.7** 1, 13, 14, 17, 18, 33, 55, 56, 66, 71, 72, 74, 79, 80, 81
- 3.1** 3  $\mapsto$  8, 11, 23  $\mapsto$  28, 31, 33, 34, 37, 38, 40, 41, 42, 49, 50
- 3.2** 15, 16, 17, 22, 23, 25  $\mapsto$  28, 29, 30, 35, 36, 38, 44, 45, 48, 51, 52
- 3.3** 7  $\mapsto$  14, 31, 32, 41, 44, 61, 62, 66, 67
- 3.4** 7, 8, 19, 20, 29, 30
- 4.1** 3, 4, 5, 6, 9, 17, 18, 27, 28, 37, 39, 40, 49, 50, 52, 75, 76
- 4.3** 13, 14, 21, 22, 29, 30, 37
- 5.1** 5, 17, 18, 24, 28, 30, 31, 32, 37, 38, 43, 46, 47, 49, 50, 55, 56, 59, 60, 101, 105, 106, 115, 116  
122, 124, 125, 126, 128, 129, 133, 143, 144, 150
- 5.2** 43  $\mapsto$  46, 51, 52, 60, 65, 67, 82
- 5.4** 47, 48, 53, 54, 58, 59, 60, 65, 67, 68, 75, 76, 83, 90
- 5.5** 5, 6, 13, 14, 16, 17, 29
- 6.1** 7, 10, 19, 20, 24, 26, 33, 34, 40, 41, 52, 57, 58, 59
- 6.2** 5  $\mapsto$  11, 16, 20, 31, 46, 59, 60
- 6.3** 7, 8, 9, 10, 13, 17, 20, 29, 30
- 6.4** 1, 5, 50, 64, 70
- 6.5** 3  $\mapsto$  6, 7, 8, 22, 25, 35, 36, 39, 40, 48, 49, 52
- 7.1** 23, 24, 25, 26, 39, 42, 44, 54, 55, 66, 68, 70, 72, 83, 84, 91, 92
- 7.2** 12, 27  $\mapsto$  32, 38, 43, 52, 53, 59, 67, 68, 69, 70, 77, 78
- 7.3** 3, 4, 11, 12, 17, 18, 20, 27, 31
- 7.4** 10, 11, 12, 28, 31, 33, 36, 37, 39
- 7.5** 11, 19, 20, 39, 40, 47, 48
- 8.1** 1  $\mapsto$  6, 11, 12, 33, 36, 47, 48, 50, 51
- 8.2** 1  $\mapsto$  10, 18, 29, 30, 45, 70  $\mapsto$  75, 83  $\mapsto$  87, 91
- 8.3** 29, 33, 38, 39, 43, 48, 52, 57, 58, 60, 70, 71, 73, 88, 89, 90, 97, 98, 99
- 8.4** 4, 11, 13, 21, 25, 26, 37, 38, 45, 46, 49
- 8.5** 1  $\mapsto$  6, 20  $\mapsto$  25, 29, 41, 45, 46, 66, 67, 69, 70, 85, 86, 98, 101, 110,
- 8.6** 7, 8, 15, 17, 24, 27, 34, 35, 36, 37, 38, 53, 58
- 9.1** 4, 5, 13, 18, 37, 38, 47,
- 9.2** 4, 5, 9, 17, 20, 21, 23, 26, 37, 43, 53
- 9.3** 11, 13, 23, 26, 27, 41, 42, 47, 49, 51, 57, 61, 66, 67, 72
- 9.4** 36, 37, 41, 45
- 3.5** 13, 14, 18, 19, 21, 22, 23, 24, 29, 31, 37, 41, 43, 48, 52