

# Power Problems

## Chemistry 1A

**Chapter Problems:** Problems will not be graded – your quizzes will be similar versions of these problems. Start practicing now – if you get behind, it's almost impossible to catch back up – trust me, I see this every semester!

- It is crucial to your success to PRACTICE PROBLEMS EVERYDAY!
- Should I do the problems just once? Nope! PRACTICE & REPEAT!
- Can I just memorize the answers? Not a chance! NO WORK, NO CREDIT!

Chapter 1: 55, 56, 65, 72, 75, 76, 77, 79, 80, 81, 82, 83, 85, 89, 90, 93, 104, 111, 113, 118

Chapter 2: 47, 48, 49, 50, 53, 54, 55, 59, 64, 65, 66, 69, 70, 77, 78, 81, 82, 85, 86, 100, 101

Chapter 3: 29, 33, 34, 40, 41, 43, 46, 50, 51, 53, 54, 55, 59, 60, 75, 81, 85, 90, 118, 119, 124  
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Chapter 4: 29, 31, 33, 36, 37, 42, 43, 45, 46, 47, 48, 94, 95.

For problems 43, 45, 46, 47, 48, you must also state which reactant is present in excess and how many grams of it are left over.

49, 53, 59, 62, 65, 68, 69, 71, 79, 81, 83, 86, 87, 90, 102, 108, 109, 110

Chapter 5: 29, 35, 37, 42, 47, 48, 59, 63, 67, 72, 75, 77, 98, 101, 103, 111

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Chapter 8: 41, 45, 46, 48, 51, 53, 57, 60, 62, 63, 65, 67, 72, 77, 79, 92, 97

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57, 58, 59, 60, 61, 63, 64, 69, 70, 73, 75, 76, 84, 90

Chapter 11: 49, 50, 51, 52, 53, 54, 55, 56, 69, 71, 76, 78, 80, 81, 84, 92

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