

# Pre-Algebra

Math 351

MW 1:30 – 3PM

Spring 2012

**Instructor:** Larry Perez

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<http://www.saddleback.edu/faculty/Lperez>

**Text:** PreAlgebra, Sixth Edition, McKeague

**Course Website:** <http://www.saddleback.edu/faculty/Lperez/Algebra2go>

- or - [www.Algebra2go.com](http://www.Algebra2go.com)

**Course Overview:** This course is designed for those needing a rapid review of arithmetic before taking a more advanced course. Principles of problem solving using percent, proportion, and introductory algebra are presented.

**Homework:** To succeed in this class you must do your homework. Homework will be assigned throughout the semester and will be collected on the same day as the quizzes. Each homework assignment counts as five points on each quiz. **Late homework will not be accepted!**

**Quizzes:** There will be 11 quizzes as indicated on the class schedule. Each quiz is worth 10 points. (5 points from the homework and 5 points total for your correct work on the quiz). You will be able to drop 1 quiz score. **No make up quizzes will be allowed!**

**Exams:** There will be 4 exams administered throughout the semester, each worth 100 points. You will be able to drop 1 exam score. **There are no make-up exams allowed!!!**

**Final Exam:** The final exam for this class is on Wednesday, May 16, 2012 @ 12:45 pm. The final exam is worth 200 points and will cover chapters 1 - 8.

**Accommodated testing for students with disabilities:** All students who have been authorized for academic adjustments / accommodations for examinations / tests / quizzes, should submit the proper authorizations forms within the first two weeks of the course.

**Attendance & Cell Phones:** All students are expected to attend each class meeting. If you miss class for any reason, you are responsible for getting the class notes. It is your responsibility to officially withdraw from the course. A student may be dropped due to excessive absences. **Turn off your cell phones or pagers when you enter this classroom!** Cell phone and pager disruptions will not be tolerated!

**Academic Honor Code:** Saddleback College students are responsible for regulating their own conduct in accordance with the Code of Conduct set by the District Board of Trustees. The Code of Conduct is outlined in the Student Handbook. Cheating will not be tolerated. I strongly recommend that each student read and understand the Students Rights and Responsibilities as outlined in your Student Handbook.

**Grading:** Here are the total points possible for this class:

Quizzes	100 points
Exams	300 points
<u>Final Exam</u>	<u>200 points</u>
Total	600 points

**Grading Scale:**

90% - 100%	A
80% - 89.9%	B
70% - 79.9%	C
60% - 69.9%	D
Below 59.9%	F

## Pre-algebra Student Learning Outcomes

### **Math 351:**

Students who successfully complete Math 351 will be able to:

1. Demonstrate mastery of the computational skills necessary for them to succeed in Beginning Algebra.
2. Demonstrate the critical thinking skills necessary for them to set up and solve word problems of the appropriate difficulty level.
3. Demonstrate knowledge of and the ability to use geometric formulas to calculate perimeters, areas, and volumes.

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Tentative Schedule

Larry Perez

Spring 2012

[lperez@saddleback.edu](mailto:lperez@saddleback.edu)

Week	Monday	Tuesday	Wednesday	Thursday	Friday
1	9 Jan 1.1 - 1.2	10	11 Quiz#1 1.2 - 1.3	12	13
2	16 Martin Luther King Day	17	18 Quiz#2 1.4 - 1.5	19	20
3	23 1.6 - 1.7	24	25 Quiz#3 1.8 - 2.1	26	27
4	30 2.2 - 2.3	31	1 Feb Quiz#4 2.4 - 2.5	2	3
5	6 3.1 - 3.2	7	8 Quiz#5 3.3 - 3.4	9	10
6	13 3.5	14	15 Exam #1	16	17 President's Day
7	20 President's Day	21	22 Study Day	23	24
8	27 3.6	28	29 Quiz#6 3.7 - 3.8	1 March	2
9	5 3.9 & 4.1	6	7 Quiz#7 4.2 - 4.3	8	9
10	12	13	14 Spring Recess	15	16
11	19 5.1 - 5.2	20	21 Quiz#8 5.3 - 5.4	22	23
12	26 5.5 - 5.7	27	28 Exam #2	29	30
13	2 April 6.1	3	4 6.2	5	6
14	9 6.3 - 6.4	10	11 Quiz#9 7.1 - 7.2	12	13
15	16 7.3 - 7.4	17	18 Quiz#10 7.5 - 7.6	19	20
16	23 Exam #3	24	25 8.1	26	27
17	30 8.2 - 8.3	1 May	2 Quiz#11 8.4	3	4
18	7 Exam #4	8	9 Review	10 Study Day	11
19	14	15	16 12:45pm Final Exam	17	18

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### Homework Assignments

Note: "EOO" means do every other odd problem. 1,5,9,13,17, ...

Section 1.1	1-67 EOO
Section 1.2	1-21, 75-91 Odd
Section 1.3	1-39 Odd
Section 1.4	1-67 Odd
Section 1.5	1-65 Odd
Section 1.6	1-33, 61-79 Odd
Section 1.7	1-83 EOO, 95-99 Odd
Section 1.8	1-21 Odd
Section 2.1	1-79 EOO
Section 2.2	1-75 EOO
Section 2.3	1-53 Odd
Section 2.4	1-67 EOO
Section 2.5	1-51 Odd
Section 3.1	1-63 EOO, 91-97 Odd
Section 3.2	1-55, 75-95 Odd
Section 3.3	1-69 EOO, 75-81 Odd
Section 3.4	1-51 EOO, 63-81 Odd
Section 3.5	1-65 EOO, 97-107 Odd
Section 3.6	1-23 Odd
Section 3.7	1-15, 35-41 Odd
Section 3.8	1-19 Odd
Section 3.9	1-7,21-41 Odd
Section 4.1	13-59 Odd
Section 4.2	1-49, 75-81 Odd
Section 4.3	1-53 Odd
Section 5.1	1-49, 55-67 Odd
Section 5.2	1-51 Odd (Use a calculator to verify solutions.)
Section 5.3	1-27, 61-69 Odd (Use a calculator to verify solutions.)
Section 5.4	1-43, 55-61 Odd (Use a calculator to verify solutions.)
Section 5.5	13-33, 35-49 Odd (Use a calculator for 35-49), 67,68,69,70
Section 5.6	1-37 Odd
Section 5.7	1-51 Odd
Section 6.1	1-25 Odd, 33,35,37
Section 6.2	1-29 Odd, 31,32,33,34
Section 6.3	1-51 Odd
Section 6.4	1-27, Odd, 31,32,33,34
Section 7.1	1-69 Odd
Section 7.2	1-53 Odd
Section 7.3	1-37 Odd
Section 7.4	1-39 Odd
Section 7.5	1-41 Odd
Section 7.6	1-33 Odd
Section 8.1	1-47 Odd
Section 8.2	1-47 Odd
Section 8.3	1-45 Odd
Section 8.4	1-49 Odd