

Math Homework Guide

Use your homework as an opportunity to identify what you understand and where you need some help. For each problem-type on your homework, answer the following questions:

1. Classify the Problem. What type of problem is this? What am I being asked to solve?

2. Write down the concepts that are being tested in the question.

3. Write down the formulas that you need to solve the problem.

4. Solve the problem making sure to show your work.

5. Explain why you are doing each step.

Write out in words what you did to solve the problem and why you did each step.

<i>Step</i>	<i>(Why) Explanation/Reason/Rule</i>
1.	
2.	
3.	

6. Analyze the problem.

- Is there a certain way to set up the problem each time?
- Can you establish a rule? I always do__ when I see __.
- Are there any variations that affect what you do to solve?
(Examples: Reciprocals, converting point-slope form to slope-intercept form, etc.)

7. Solidify your Knowledge. Complete 2 more problems of the same problem-type to confirm your understanding.

Need help with particular problems?

[Math Learning Center](#)

[Math Department Academic Support \(Including Outreach\)](#)