

MATH 1314 (College Algebra)

## Homework Assignment – 12

*The Final Exam is on May 1 at 5:00 pm*

- New material:  
Review Sections **5.3** (pages 298-299 only, Polynomial Division), **5.5** (Rational Functions), and **6.1** (Exponential Functions).
- Solve exercises:
  - pages 307-308: ## 3, 9, 13
  - pages 332-335: ## 9, 11, 15, 27, 33, 47, 63
  - pages 368-370: ## 3, 5, 7, 23, 27, 29, 53, 59
- Next week, review Sections **6.2**, **6.3** (Exponential and Logarithmic Functions) and solve exercises:
  - pages 382-383: ## 3, 7, 13, 15; 29, 35, 43; 57, 59
  - pages 388-389: ## 3, 11, 21, 27, 37, 39, 43, 47

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- The **Final Exam** covers sections 4.1-4.6, 5.1, 5.3 (pp. 298-299 only), 5.5, 6.1-6.3. Notice that the material of these sections makes a lot of use of Chapters 1-3.

So, start preparing now. Review these Chapters. Solve the following practice tests:

- pp. 271-272, ## 1-4, 7-10
- p. 355, ## 1(a-d, g), 2, 5
- p. 413, ## 1, 2, 3(a,c,d), 4(a,c), 5, 6

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Reminders:

1. We have a Teaching Assistant - Houssein Assaad

Office: FO 1.601

Office hours: MW 2:30 - 6:30 pm, TR 12:30 - 2:00 pm, F 11:30 am - 2:00 pm, 4:00 - 5:30 pm

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2. Web site of our course is rather informative: [www.utdallas.edu/~mbaron/1314/](http://www.utdallas.edu/~mbaron/1314/)