

# Math 270 Quiz #3 Review Sheet

A confused telephone

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*Hi everyone. It's about this time of the term where I start to get a little rattled and forget things. But, that's why I thought I would write down this review sheet for you (and me) so that we're all well prepared for the upcoming quiz. ROCK ON!*

1. Section 4.5: Inhomogeneous Equations and the Method of Undetermined Coefficients. This section is awesome, because it puts together a lot of the material we've learned so far from second order differential equations. I can see there being one question on the quiz. It would ask you to find the specific solution to a certain differential equation that is second order, inhomogeneous, and linear.
2. General Suggestions. I think that Corey, like I mentioned above, would just ask you one question about solving a certain differential equation. He would also probably split up the question into several parts to help you along—some of these parts may ask you to do something from section 4.1 or 4.3, but it's appropriate to ask it here because these skills are being used to answer a question from the new section 4.5. Questions 18–23 are all very good practice problems. ROCK ON!