

*This homework is due in class next Wednesday, October 20. It covers Sections 3.6 and 3.5. There will be a test the following Friday, October 22, which will include the material on this homework. Some of the problems on this homework require you to look at the graph of a function. If you do not have a graphing calculator, you can use the graphing utility at this web address:*

[http://math.hws.edu/javamath/basic\\_applets/GraphApplet2.html](http://math.hws.edu/javamath/basic_applets/GraphApplet2.html)

*In this utility, multiplication has to be written as  $*$ , and exponentiation has to be written as  $^$ . For example:  $2*x^2$  to mean  $2x^2$ .*

**1. Section 3.5, pages 171–175**

**Recommended for practice:** # 9, 17, 27, 27, 37, 43

**To be turned in:** # 10, 14, 30, 48

**2. Section 3.6, pages 180–183**

**Recommended for practice:** # 11, 17, 25, 29, 39, 41, 43, 51, 57

**To be turned in:** # 14, 28, 40, 58, 78