Math 142
Homework Ten

November 6, 2013

1 Homework

Section 6.4: 1-8, 11-12, 17-22, 27-28, 31-38, 40-41

2 Extra Credit

Section 6.4: 42 (pretty hard)

3 Review

1. A bike with 26 inch diameter wheels is traveling at 15 mph. What is the RPM for the wheels?

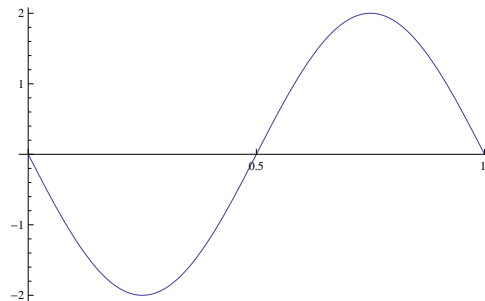2. Find an equation for this graph:

Figure 1: Find the Equation

As during the time of kings it would have been naive to think that the king's firstborn son would be the fittest to rule, so in our time it is naive to think that the democratically elected ruler will be the fittest. The rule of succession is not a formula for identifying the best ruler, it is a formula for conferring legitimacy on someone or other and thus forestalling civil conflict.

   –J.M. Coetzee (from *Diary of a Bad Year*)