

Math 120 A - Spring 2007
Final Exam
June 2, 2007
Answers

Version A

1. No. The horizontal asymptote is $y = 140$ minutes so the time can never drop below that.
2. 3.1685 hours
3. 25.1365 years after 2000
4. 1195.231 feet
5. 97.109 feet
6. \$660
7. 28.02225 feet

Version B

1. No. The horizontal asymptote is $y = 150$ minutes, so the time can never drop below that.
2. 3.0374 hours
3. 158.2687 years after 2000
4. 632.059 feet
5. 20.3806 feet
6. \$685.71428
7. 11.629615 feet