

Math 1314
Homework 3

Enter your answers in the EMCF titled “Homework 3” at casa.uh.edu before the due date/time. In the problem numbers given below, AA.5.6 refers to Appendix A, Section 5, Problem 6. The problems can be found in the online text.

Match the quantity described in numbers 1 – 6 with the numbers in the answer bank given below the list of problems. Answers in the answer bank can be used more than once or not at all.

- 1. Problem AA.5.6, part C, find the coefficient of x**
- 2. Problem AA.5.6, part D**
- 3. Problem AA.5.6, part G, find the coefficient of x^2**
- 4. Problem AA.5.6, part H**
- 5. Problem AA.5.6, part K, find the exponent**
- 6. Problem AA.5.6, part L**

A. 9.0780	B. 0.4262	C. 0.2017	D. 4.7370
E. -0.0704	F. 2.0618	G. 0.9071	H. 8.0354
I. 0.9201	J. 6.9790	K. 1.0602	L. 55.1907
M. 0.9764	N. not listed		

Match the quantity described in numbers 7 – 10 with the numbers in the answer bank given below the list of problems. Answers in the answer bank can be used more than once or not at all.

- 7. Problem AB.3.18, part A. Rescale the data so that $t = 0$ corresponds to 1994. Make sure you use both lines of the table of values! Find the coefficient of x .**
- 8. Problem AB.3.18, part G. Find the leading coefficient.**
- 9. Problem AB.3.18, part H**
- 10. Problem AB.3.20, predict the profits in 2015. Answer is in million dollars.**

A. 12.8632	B. 0.0005	C. -0.0833	D. -0.0585
E. 13.0335	F. 23.9273	G. 5.1553	H. 25.1553
I. 0.01692	J. 0.8196	K. not listed	