

Math 1314
Homework 11

Enter your answers in the EMCF titled "Homework 11" at casa.uh.edu before the due date/time. In the problem numbers given below, Problem 4.3 12 refers to Chapter 4, Section 3, Problem 12. The problems can be found in the online text.

For problems 1 – 7, work the problem and match the answer with the numbers given in the answer bank given below the assigned problems. Units are omitted in the answer choices. Answer choices may be used more than once or not at all. Round answers to two decimal places.

- 1. Problem 4.3.2, Part C (find $P(5)$)**
- 2. Problem 4.3.6, Part C (find $P(10)$)**
- 3. Problem 4.3.12, find $P'(2)$**
- 4. Problem 4.3.18, Part C (answer is given in years)**
- 5. Problem 4.3.22, Part A (answer is given in dollars)**
- 6. Problem 4.3.22, Part B (value is declining, and answer is given in dollars/year)**
- 7. Problem 4.3.22, Part C (answer is given in years)**

A. 5.54	B. -0.06	C. 6.21	D. 3.18
E. 1711.84	F. 2.87	G. 1.2	H. 1601.26
I. 3.35	J. 597.03	K. 2.9	L. 2767.74
M. Answer is not listed			

For problems 8 – 10, work the problem and match the answer with the numbers given in the list below the assigned problems. Units are omitted in the answer choices. Answer choices may be used more than once or not at all. Round answers to two decimal places.

- 8. Problem 4.3.32 (answer is given in milligrams)**
- 9. Problem 4.3.36 (answer is given in years)**
- 10. Problem 4.3.42, Part C (after 4 hours - answer is given in people/hour; round to the nearest person)**

A. 98	B. 6.15	C. 6.81	D. 10824
E. 10911	F. 7.28	G. 103	H. Answer is not listed