

The final exam will be about the same length as one of our regular exams, but it will be worth 20% of the overall grade.

The purpose is to test mastery of “core” skills that students in Business might consider to be significant when planning a business, determining strategy for growing a business, or evaluating a business process.

There will be 12 questions on the exam. They will appear in random order. The order you see here may NOT be the order of the questions on the final.

- 1) Average rate of change of a quantity with respect to another quantity on an interval
 - a. See Question #1 on Exam #1
 - b. See All Questions on Quiz #1
 - c. Make sure you recognize the differences and similarities between this and concepts we explored in Chapter 9
- 2) Solution to a System of Linear Equations OR graphing a linear equation
 - a. See Questions #3, 4, and 5 on Exam #1
 - b. Dolbear’s Equation (Crickets) and the Associated Quiz
- 3) Solve a compound interest question OR depreciation question
 - a. See questions #10-12 on Exam #2
 - b. See question #5 on Exam #2
- 4) Solve a simple probability question
 - a. See questions #5, 6, 7, 8 from Exam #3 (Probability 1, 2, 3, 4)
 - b. probability of a single event

8 questions will be taken from Chapters 9-10 (everything we did after the 3rd Exam); please focus your attention on Practice Exercises for 9-1, 9-2, 9-3, 10-1, 10-2, 10-3.

Guarantee you will need to apply “Quadratic Function” concepts here.

2 questions will be taken from “Lessons 10-2 and 10-3”

2 questions will be taken from “Lesson 10-1”

2 questions will be taken from “Lessons 9-2 and 9-3”

2 questions will be taken from “Lesson 9-1”

Being very much aware of “length”, my goal is to aim for something that can be completed by a typical student in about 45-50 minutes (which means an average of about 4 minutes per question). As such, I will be conscious of how many parts each question has.