**Foundations Math 12 – Continuity of Learning for October 2020**

**Dates:** October 2 to October 30.

**Materials Needed:**

* Foundations of Mathematics 12 Workbook, Nelson (2013). Not available online.
* Foundations of Mathematics 12 Textbook, Nelson (2012). Optional but good resource.

- FOM 12 Textbook available on [www.rssmath.wixsite.com/math](http://www.rssmath.wixsite.com/math) under Online Texts.

**\***Need access to a graphing calculator (TI-83 or TI-84) or an online graphing app such as Desmos, GeoGebra, or Meta-Calculator. Need a TVM Solver for Finance Ch. 1 + 2.

Online finance app: https://www.geogebra.org/m/jhyUqg2A.

The dates in the table below are tentative and may be subject to change.

Online learners: Please email Ms. Hom every Friday by 3 pm to report your progress.

- You can choose the workbook or the textbook or both for the assignments.

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| **Assignment** | **Topic** | **Work to complete** | **Date** |
| **1** | ***Introduction to Ch. 1 Financial Mathematics: Investing Money*** | * Work on Ch. 1 TI-83 Finance Worksheet * Work on Ch. 1 Simple + Compound Interest Worksheet. | Oct. 2  Grad Boat Cruise |
| **2** | ***1.1 Simple Interest*** | * Read over 1.1 Notes. * Read over textbook pages 6-13. * Workbook: 1.1 pages 6-7, #1-9. * Textbook: 1.1 pages 14-17, #1-15. | Oct. 6 |
| **3** | ***1.2 Exploring Compound Interest*** | * Read over 1.2 Notes. * Read over textbook pages 18-19. * Workbook: 1.2 page 9 #1-5. * Textbook: 1.2 page 19, #1-3. | Oct. 8  Oct. 12 Thanksgiving |
| **4** | ***1.3 Compound Interest: Future Value*** | * Read over 1.3 Notes. * Read over textbook pages 20-29. * Workbook: 1.3 pages 11-15, #1-15. * Textbook: 1.3 pages 30-32, #1-15. | Oct. 15 |
| **5** | ***1.1-1.3 Quiz (17 marks)*** | * 1.1-1.3 Quiz. * Work on corrections. | Oct. 19 |
| **6** | ***1.4 Compound Interest: Present Value*** | * Read over 1.4 Notes. * Read over textbook pages 34-39. * Workbook: 1.4 pages 17-19, #1-13. * Textbook: 1.4 pages 40-42, #1-16. | Oct. 21  Oct. 23 Pro-D |
| **7** | ***1.5 Investments Involving Regular***  ***Payments*** | * Read over 1.5 Notes. * Read over textbook pages 46-54. * Workbook: 1.5 pages 22-23, #1-15. * Textbook: 1.5 pages 55-57, #1-20. | Oct. 26 |
| **8** | ***1.6 Solving Investment Portfolio***  ***Problems*** | * Read over 1.6 Notes. * Read over textbook pages 58-64. * Workbook: 1.6 pages 25-28, #1-11. * Textbook: 1.6 pages 64-67, #1-12. | Oct. 28 |
| **9** | ***Chapter 1 Review*** | * Workbook: Ch. 1 Review pages 30-33, #1-27. * Textbook: Ch. 1 Review pages 71-72, #1-12. | Oct. 30 |