Laboratory Activity 3 for Math 080: Topics from Chapter 1

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1 Introduction

Please watch the video entitled "Two-dimensional histograms" on Moodle, and repeat the calculation shown there, according to the parameters below. Perform your calculation in Excel or Calc. **The goal is to fill in the table below, using your results.**

2 Questions

1. Calcualte the relative frequencies of the numbers of classes as done in the video.

2. Remove the final *overflow* column, as done in the video.

3. Create a 2D histogram from the relative frequencies that contains 5 rows and 3 columns. This is equivalent to filling in the following table:

(Years/Sizes)	0-19	20-39	40-99
2010-12			
2012-13			
2014-15			
2015-17			
2018-19			

4. Do you identify any trends? If so, what are they? (Base your arguments on the histogram you've constructed from the original data).–