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| **EDUC 847 – LESSON #1** |
| **READING**   * Read the *Program Things to Know* |
| **CLASSROOM EXPERIMENTATION**   * Do a problem from Tuesday's class with one of your class using vertical surfaces and random groups. |
| **JOURNALING**   * Respond to the following questions:   + What is mathematics?   + How does someone best learn mathematics?   + How does someone best teach mathematics?   + Did Peter teach today? * Comment on your experiences in doing a problem from Tuesday's class with one of your class using vertical surfaces and random groups. * Did you see examples of slacking, stalling, faking, and mimicking in some of your other classes? Comment. |
| **PROBLEM SOLVING**   * Using all the digits 1-9 (and 0) find all ten digit numbers that have the property that the N-digit number created by the first N digits is divisible by N. * DO NOT write a polished solution. But keep enough work that you can reproduce the solution. |
| **TASKS USED IN CLASS**   * Two vases (12x12x20 and 10x10x18) * Palindrome numbers * Two egg timers (4 minutes and 7 minutes. I want a 9 minute egg. |
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