

Student: **Yuma Pohn**

Date: **8/27/15**

Time: **9:49 AM**

Instructor: **Christina Henson, Jody**

Fields

Course: MAT1301-14A-1A16-S2

Book: Pirnot: Mathematics All Around,
5e

Assignment: **Unit 1 Homework**

4.

(cont.)

☒ No

☐ Yes

Is 550,840 divisible by 10?

☒ Yes

☐ No

Thus, the numbers from the list 2, 3, 4, 5, 6, 8, 9, and 10 that divide 550,840 are **2,4,5,8,10**.
(Use a comma to separate answers as needed.)

5.

Use a calculator to determine if the first number divides the second.

302 and 6,644

Does 302 divide 6,644? Choose the correct answer below.

☒ Yes

☐ No

6.

Use the Sieve of Eratosthenes to find all prime numbers between 51 and 100, inclusive.

The list of all the prime numbers between 51 and 100, inclusive, is as follows.

(Type whole numbers. Use a comma to separate answers as needed.)

7.

Factor the following natural number. If the number is prime, state so.

170

Select the correct choice below and, if necessary, fill in the answer box to complete your choice.

☐ A. The prime factorization is . (Type your answer in factored form.)

☐ B. The number is prime.