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Instructor: Christina Horton, Joey Fields
Course: MAT1301-14A-1A16-S2
Book: Pirnot: Mathematics All Around,
5e

Assignment: Unit 1 Homework

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

71

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.

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

980

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.

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

513

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.

11. Find the GCD and LCM of the following pair of natural numbers.

63, 135

The GCD of 63 and 135 is . (Type a whole number.)

The LCM of 63 and 135 is . (Type a whole number.)