Chapter 4 Review

Name:

Period:

Write all of the factors of the number.

1. 14 **2. 35** **3. 42**

Tell whether the number is *prime* or *composite.*

4. 7 **5. 28** **6. 37**

Find the GCF of the numbers by listing or by using prime factorization.

7. 42, 90 **8. 60, 350** **9. 28, 45**

Write each fraction in simplest form.

10. $\frac{22}{66}$ **11.** $\frac{42}{105}$ **12.** $\frac{51}{72}$

Write 2 equivalent fractions for each.

13. $\frac{28}{44}$ **14.** $\frac{3}{8}$ **15.** $\frac{5}{9}$

Find the LCM by listing or by using prime factorization.

16. 15, 21 **17. 12, 14** **18. 6, 16, 24**

19. During the summer, you mow lawns for extra money. One customer pays you to mow the lawn every 4 days and another customer pays you to mow the lawn every 6 days. If you mow both lawns today, in how many days will you mow both lawns again on the same day?

20. A college class with 30 sophomores, 18 juniors, and 12 seniors is divided into project groups where each group has the same number of sophomores, juniors, and seniors. What is the greatest number of groups that can be formed? How many sophomores, juniors, and seniors are in each group?