Name _____ Date _____

Chapter 6 Test B • More About Numbers

Use a divisibility test to answer each question. Write *Yes* or *No*.

1. Is 3,711,275 divisible by 3?

2. Is 90,001 divisible by 10?

3. Is 892,148 divisible by 4?

4. Is 139,426 divisible by 6?

5. Is 49,870 divisible by 5?

6. Is 744,222 divisible by 9?

Find the greatest common factor of each pair of numbers.

7. 18   42

8. 24   36

9. 60   40

Find the least common multiple of each pair of numbers.

10. 6   8

11. 6   16

12. 10   25

Write the prime factorization of each number.

13. 70

14. 39

Find the value of each expression.

15. $\sqrt{36}$ = _____

16. 2^4 = _____

17. 3^2 = _____

18. 13^0 = _____

19. $\sqrt{144}$ = _____

Solve.

20. Trey spent 3 hours grocery shopping and running errands on Saturday. He bought 5 boxes of tissue for $2 each. What was the total cost for the tissues?