

Name: \_\_\_\_\_

Date: \_\_\_\_\_

Extra Practice (4.3)

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Determine whether each number is *prime* or *composite*.

1) 53

2) 49

3) 11

4) 83

5) 75

Write the prime factorization if each number. Use exponents for repeated factors.

6) 33

7) 276

8) 85

9) 243

10) 72

11) 121

12) 1024

Factor each monomial.

13)  $49c^2$

14)  $17c^2d^2$

15)  $-81d^2$

16)  $-56xyz$