Prime Factorization

For **1** through **10** if the number is prime, write *prime.* If the number is composite, write the prime factorization.

1. 24 _____

2. 43 _____

3. 51 _____

4. 66 _____

5. 61 _____

6. 96 _____

7. 144 _____

8. 243 _____

9. 270 _____

10. 124 _____

11. Writing to Explain Find the first ten prime numbers. Tell how you do it.

_____

_____

12. Reasoning How many even prime numbers are there?

   A 0

   B 1

   C 2

   D 3

13. Critical Thinking Which answer completes the sentence below?

The number 1 is _____ .

   A prime.

   B composite.

   C neither prime nor composite.

   D both prime and composite.