

Lesson 1.2 (p.13)  
Prime Factorization

**On Your Own**

**Instructions:** Write the number whose prime factorization is given.

Question	Answer
Ex. $2 \times 2 \times 3$	12
1. $2 \times 2 \times 2 \times 7 =$	
2. $2 \times 2 \times 5 \times 5 =$	
3. $2 \times 2 \times 2 \times 2 \times 3 \times 3 =$	

**Instructions:** Find the prime factorization

Question	Answer
Ex. 75	$3 \times 5 \times 5$
4. 45	
5. 50	
6. 32	
7. 76	
8. 108	
9. 126	
10. What is a prime number?	