**Chapter 5 Formative Assessment**

1. If you completely expanded the logarithm the result would be:  
 a.  b.  c.    
   
 d.  e. none of the above  
  
  
  
  
2. If you condensed the logarithm  the result would be:  
 a.  b.  c.  d.  e. none of the above  
  
  
  
  
3. Solve   
   
 a.  b.  c. 0 d. 1 e. none of the above  
  
  
  
  
4. Simplify 

a. 16 b. 8 c.  d.  e. none of the above

5. Simplify   
 a. b.  c. 3a-6a8 d. -3a7 e. none of the above