1. Rewrite the following equation in logarithmic form: $10^3 = 1000$
   Answer: The logarithm of 1000 to base 10 is 3 and we write this as $\log_{10}(1000) = 3$
2. Rewrite the following equation in logarithmic form: $4^3 = 64$
   Answer: The logarithm of 64 to base 4 is 3 and we write this as $\log_4(64) = 3$
3. Rewrite the following equation in exponent form: $\log_5(125) = 3$
   Answer: 5 raised to the power of 3 is 125 and we write this as $5^3 = 125$
4. With the aid of a scientific calculator evaluate $\log_{10}(2146)$ to 2 decimal places.
   Answer: enter the log key followed by 2146 = 3.33 (2 dp)