

Logarithms

1) Evaluate $\log_{10} 6 + \log_{10} 45 - \log_{10} 27$

2) Simplify $\frac{\log \sqrt{8}}{\log 8}$

3) Simplify $\frac{\log 27^{\frac{1}{3}}}{\log 18}$

4) Evaluate $2\log_3 6 + \log_3 16$

5) Evaluate $\log_{10} 4 + \log_{10} 25$

Logarithms

1) Evaluate $\log_{10} 6 + \log_{10} 45 - \log_{10} 27$
 $= 1$

2) Simplify $\frac{\log \sqrt{8}}{\log 8}$
 $= \frac{1}{2}$

3) Simplify $\frac{\log 27^{\frac{1}{3}}}{\log 18}$
 $= \frac{1}{4}$

4) Evaluate $2\log_3 6 + \log_3 16$
 $= 3$

5) Evaluate $\log_{10} 4 + \log_{10} 25$
 $= 2$