

$$\frac{\log}{\log_b x = y \rightarrow \frac{\exp}{b^y = x}}$$

base

$$\log_m g = t \rightarrow m^t = g$$

Evaluate  $\log_5 25 = \textcircled{2}$      $5^x = 25$

Solve  $\log_n 216 = 3$      $\sqrt[3]{n^3} = \sqrt[3]{216}$   
 $n = 6$

Solve  $\log_2 m = 4$      $2^4 = m$   
 $16 = m$

$$\log_{\textcircled{2}}(2x-4) \geq \log_{\textcircled{2}}(3x+6)$$

$$2x-4 \geq 3x+6$$