***Solving Exponential Function with different bases***



***Numerator***: multiply *q* with  ***minus*** multiply *n* with 

***Denominator***: multiply *m* with  ***minus*** multiply *p* with 

***Proof***











 

***Example***

Solve: 

***Solution***



***Example***

Solve: 

***Solution***

 

**−**ln

−ln

ln

***Example***

Solve: 

***Solution***

 

ln

−ln

ln