

Rewrite each into Exponential Form.

1.  $\text{LOG}_x 20 = 2$

2.  $\text{LOG} x = 3$

3.  $\text{LOG}_6 50 = x$

Rewrite each into Logarithmic Form

4.  $8^2 = x$

5.  $x^4 = 96$

6.  $10^x = 84$

Evaluate each.

7.  $\text{LOG}_5 25$

8.  $\text{LOG}_9 9$

9.  $\text{LOG}_8 1$

10.  $\text{LOG}_{16} 4$

11.  $\text{LOG} 150$