

1/22/13 Warm Up

Simplify each logarithm

① $\log_4(16)$

② $\log_{64}(8)$

③ $\log_{27}(9)$

④ $\log_2(32)$

Solve for x

⑤ $\log_{1/9}(x) = -\frac{1}{2}$

⑥ $\log_4(x) = -\frac{3}{2}$