1. Evaluate the expression without using a calculator

log ₂1

1. Solve the equation

4³x+1=64 (simplify)(fraction)

1. Find the domain of the composite function f\*g

f(x)=√x; g(x)=8x+4

1. Find the domain of the composite function f\*g

f(x) = 4/x-2; g(x)=9/x

1. Use the transformation to identify the graph of the function. Then determine its domain, range, and horizontal asymptote.

f(x)=2-x-4

1. Find the exact value of the logarithm without using a calculator.

Log 1/232

1. Write the expression as a sum and/ or difference of logarithms. Express powers as factors. Log 3(81x)

Log 3(81x)=\_\_\_\_\_ (simplified form)