C.F. Gauss 702 92 500

Find the invese of f(x) = e<sup>2x-1</sup>

1) Set y = e 2x-1

$$\ln \ln (y) = 2x - 1$$

$$x = \frac{1}{2} \ln(4) + \frac{1}{2}$$

1.4 #20 1)

Find the domain of  $g(t) = \sqrt{10^t - 100}$ 

Solution. The only issue is JZ is only defined for Z70. So we need:

10t-100 7,0,

10t >, 100,

logio (10t) > logio (100)

t > 2.

Domain: [2,00)