

What inputs would give you nice outputs?

$$f(x) = \log_4 x$$

$$f(1) = 0$$

$$4^x = 1$$

$$f(16) = 2$$

$$4^x = 16$$

$$f(4) = 1$$

$$4^x = 4$$

$$g(x) = \log_{10}(x + 2)$$

$$f(-1) = 0$$

$$10^x = 1$$

$$x + 2 = 1$$
$$\begin{array}{r} -2 \\ -2 \end{array}$$

$$x = -1$$

$$f(8) = 1$$

$$10^x = 10$$

$$x + 2 = 10$$
$$\begin{array}{r} -2 \\ -2 \end{array}$$

$$x = 8$$

$$f(98) = 2$$

$$10^x = 100$$

$$x + 2 = 100$$
$$\begin{array}{r} -2 \\ -2 \end{array}$$

$$x = 98$$