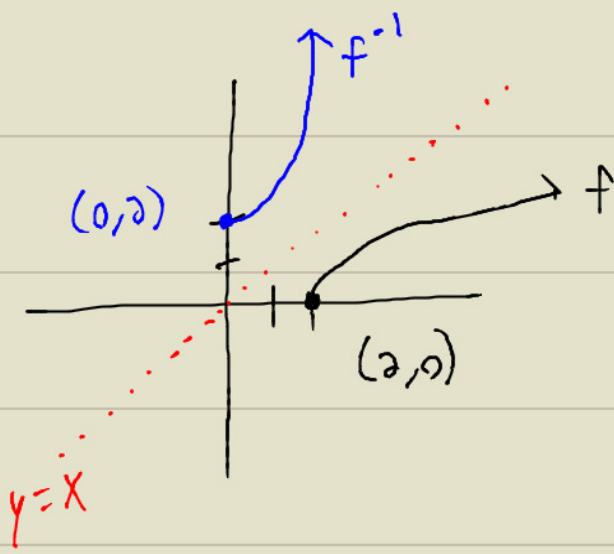
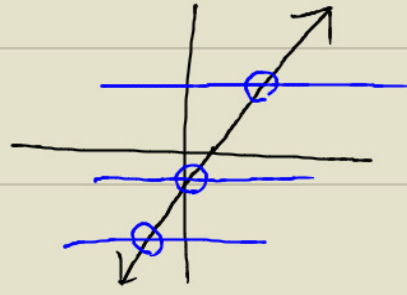


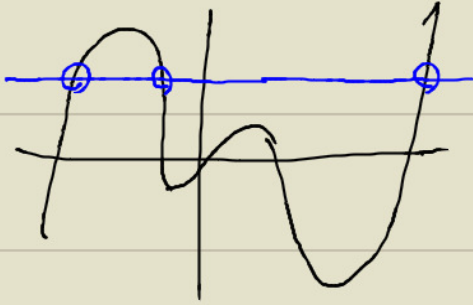
3.



4.

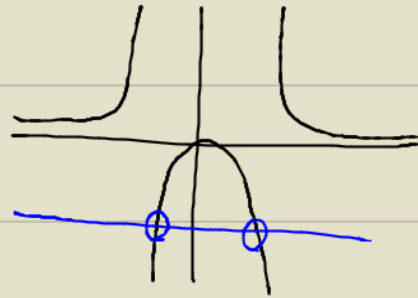
1:1 \Rightarrow HAS INVERSE

5.



NOT 1:1 SO NO INVERSE

6. $f(x) = \frac{x^2}{(x^2-2)}$



NOT 1:1 SO NO INVERSE

7. $f(x) = x^3 + x - 4$

1:1 \Rightarrow HAS INVERSE

ex: $f(x) = 3 - x^5 + |x|$

NOT 1:1 \Rightarrow NO INVERSE