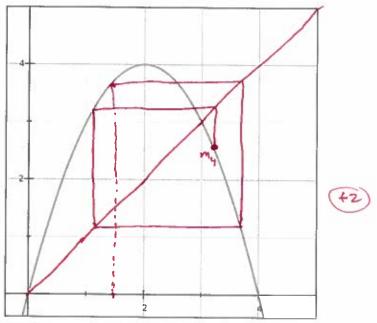
Name:	hey	

1. (a) Make a cobweb diagram showing the first four steps of the discrete dynamical system $m_{t+1} = f(m_t)$, where f is graphed below.



(b) What is the approximate value of m_4 ?

(c) What are the equlibria of this discrete dynamical system?

$$m^*=0$$
 and $m^*=3$

2. Consider the discrete dynamical system $m_{t+1} = \frac{4m_t}{m_t + 2}$. Find the equilibra of this system.

$$\frac{1}{12} = x$$

$$\frac{1}$$