$$(10,50)$$

$$(30,25)$$

$$= (\frac{25}{50})^{\frac{1}{20}}$$

$$= (\frac{1}{2})^{\frac{1}{20}}$$

$$= 2^{-\frac{1}{2}}$$

$$= 2^{-\frac{1}{2}}$$

$$\frac{36}{\sqrt{(t)}} = \begin{cases} 80 & t < 0 \\ 80(\frac{3}{16})^{\frac{1}{10}} & t > 0 \end{cases}$$

$$\frac{(0,80)}{(10,15)} = \frac{(15)^{\frac{1}{10}}}{\sqrt{50}} = \frac{(\frac{3}{16})^{\frac{1}{10}}}{\sqrt{50}}$$

$$\frac{1}{\sqrt{00}} = \frac{(3)^{\frac{1}{10}}}{\sqrt{16}}$$

Note: Exponentials always grow fisher than lins.

$$f(x) = (1 \times 10^{6}) \times + 1$$

$$f(x) = 2$$

Q: If someone's gifls you \$10,000
at birth.

it grows 926 every year.

thow much will you have at 65?

How much will you have at 65?