11. Let 
$$y = \operatorname{dogt}(x) = \operatorname{dog} x$$
 $e^{y} = \frac{x}{1-x}$ 
 $1+ e^{y} = \frac{1-x}{1-x} + \frac{x}{1-x}$ 
 $1+ e^{y} = \frac{1-x}{1-x}$ 
 $1 = 1-x$ 
 $1 = 1-x$ 
 $1+e^{y}$ 
 $x = 1 - \frac{1}{1+e^{y}}$ 
 $x = 1 - \frac{1}{1+e^{y}}$ 
 $x = 1 - \frac{1}{1+e^{y}}$ 

Leg orders and logithe when  $x$  uncreases by  $x = \frac{x}{1+e^{y}}$ 
 $x = \frac$ 

