

c) pf:  $f(x) = 7^x$   
shifts

$a=1$

vertical  $\rightarrow$  neither stretch/compress

horizontal shift left "6" units

vertical drop/down "5" units

growth  $b > 1$   $b=7$

Domain - all exponential functions all real #'s

$$(-\infty, \infty)$$

Range take into account the end.

$(1, \infty)$

this helps w/ asymptote  
+ range

asymptote - graph gets close but never touches a "y" equals line

if nothing use zero  $y=0$

if number use that  $y = \#$  that is the

in prob