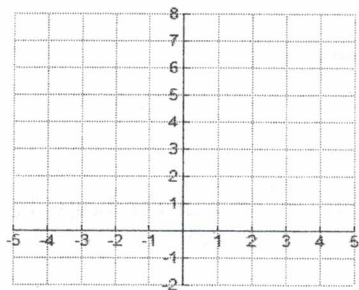
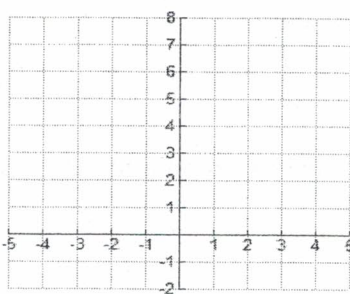


**I. Graph the following functions using x-values that indicated in your notes – darken those points!  
Also, indicate if the given function is a growth or a decay.**

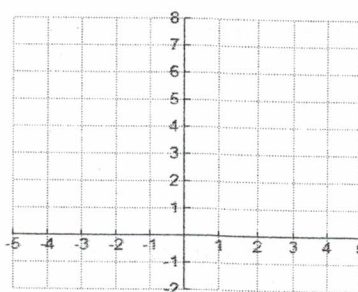
1.)  $y = \left(\frac{1}{2}\right)^x \rightarrow$  growth decay



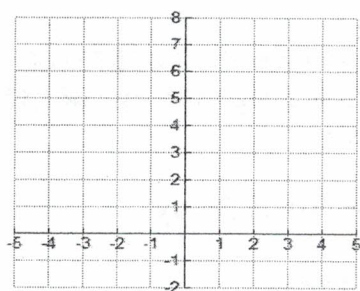
2.)  $y = 3^x \rightarrow$  growth decay



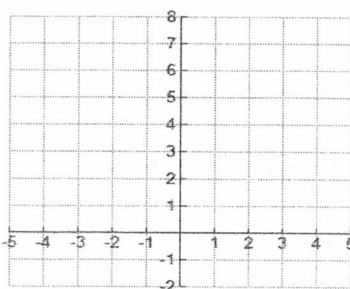
3.)  $y = 0.75^x \rightarrow$  growth decay



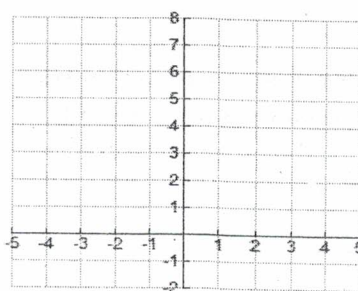
4.)  $y = 5^x \rightarrow$  growth decay



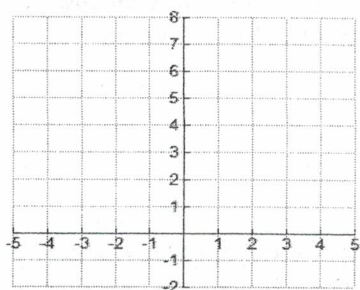
5.)  $y = \left(\frac{5}{2}\right)^x \rightarrow$  growth decay



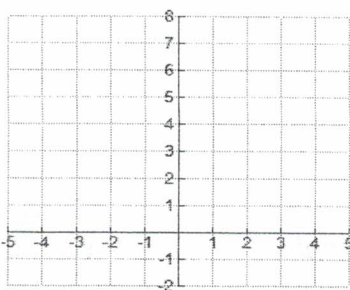
6.)  $y = 0.25^x \rightarrow$  growth decay



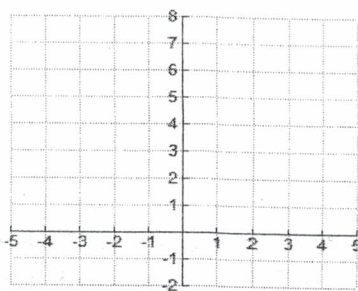
7.)  $y = \frac{1}{2}(3)^x \rightarrow$  growth decay



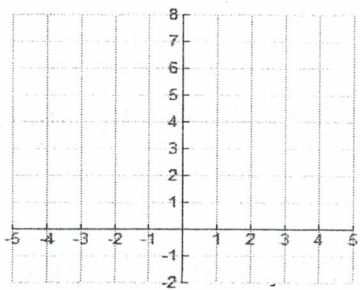
8.)  $y = 2\left(\frac{1}{3}\right)^x \rightarrow$  growth decay



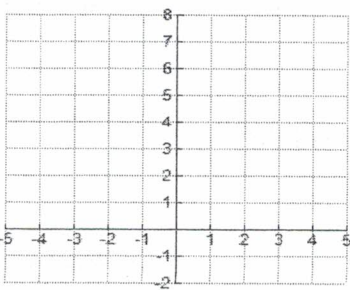
9.)  $y = 4(2)^x \rightarrow$  growth decay



10.)  $y = \frac{1}{4}\left(\frac{1}{2}\right)^x \rightarrow$  growth decay



11.)  $y = 3(1.5)^x \rightarrow$  growth decay



12.)  $y = \frac{7}{4}(4)^x \rightarrow$  growth decay

