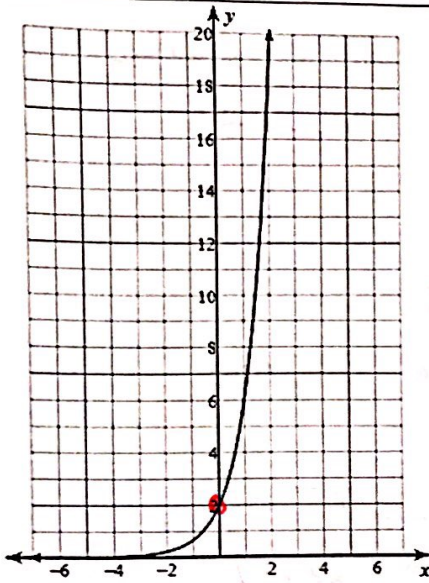
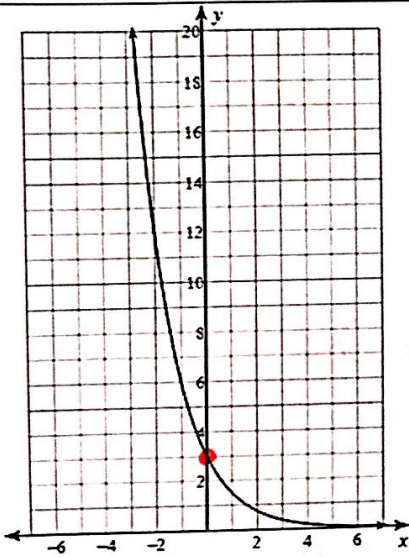


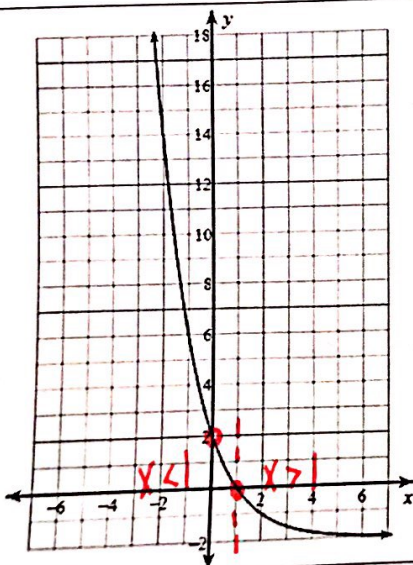
Name: Key  
 Block: \_\_\_\_\_



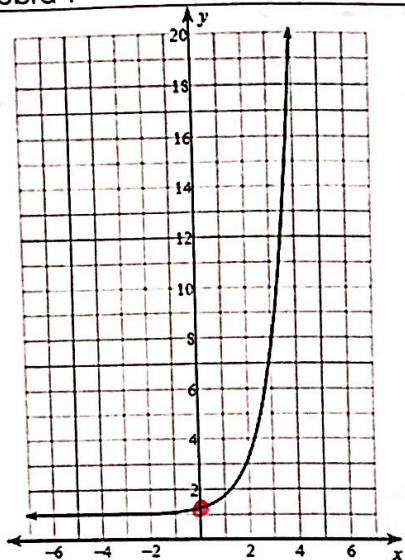
Domain:  $\mathbb{R}$  Range:  $y > 0$   
 X-intercept: none y-intercept:  $(0, 2)$   
 Interval of Increase:  $\mathbb{R}$  Interval of Decrease: none  
 Maximum(s): none Minimum(s): none  
 Asymptote:  $y = 0$   
 End Behavior: as  $x \rightarrow -\infty$ ,  $f(x) \rightarrow 0$   
 as  $x \rightarrow \infty$ ,  $f(x) \rightarrow \infty$   
 Positive:  $\mathbb{R}$  Negative: none



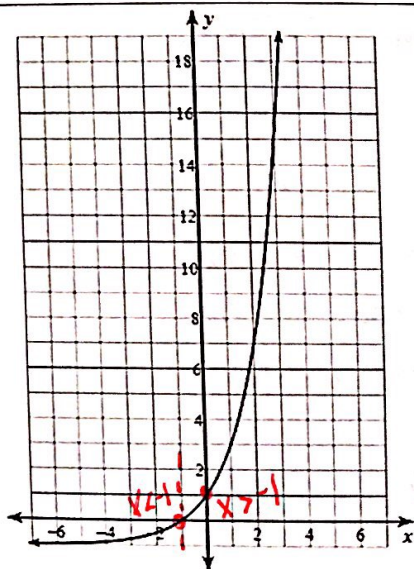
Domain:  $\mathbb{R}$  Range:  $y > 0$   
 X-intercept: none y-intercept:  $(0, 3)$   
 Interval of Increase: none Interval of Decrease:  $\mathbb{R}$   
 Maximum(s): none Minimum(s): none  
 Asymptote:  $y = 0$   
 End Behavior: as  $x \rightarrow -\infty$ ,  $f(x) \rightarrow \infty$   
 as  $x \rightarrow \infty$ ,  $f(x) \rightarrow 0$   
 Positive:  $\mathbb{R}$  Negative: none



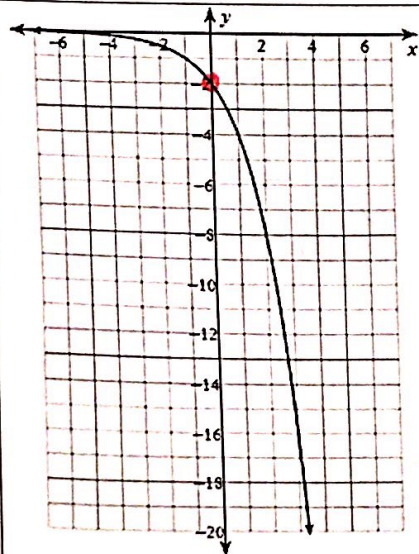
Domain:  $\mathbb{R}$  Range:  $y > -2$   
 X-intercept:  $(1, 0)$  y-intercept:  $(0, 2)$   
 Interval of Increase: none Interval of Decrease:  $\mathbb{R}$   
 Maximum(s): none Minimum(s): none  
 Asymptote:  $y = -2$   
 End Behavior: as  $x \rightarrow -\infty$ ,  $f(x) \rightarrow \infty$   
 as  $x \rightarrow \infty$ ,  $f(x) \rightarrow -2$   
 Positive:  $x < 1$  Negative:  $x > 1$



Domain:  $\mathbb{R}$  Range:  $y > 1$   
 X-intercept: none y-intercept:  $(0, 1.3)$   
 Interval of Increase:  $\mathbb{R}$  Interval of Decrease: none  
 Maximum(s): none Minimum(s): none  
 Asymptote:  $y = 1$   
 End Behavior: as  $x \rightarrow -\infty$ ,  $f(x) \rightarrow \frac{1}{\quad}$   
 as  $x \rightarrow \infty$ ,  $f(x) \rightarrow \infty$   
 Positive:  $\mathbb{R}$  Negative: none



Domain:  $\mathbb{R}$  Range:  $y > -1$   
 X-intercept:  $(-1, 0)$  y-intercept:  $(0, 1)$   
 Interval of Increase:  $\mathbb{R}$  Interval of Decrease: none  
 Maximum(s): none Minimum(s): none  
 Asymptote:  $y = -1$   
 End Behavior: as  $x \rightarrow -\infty$ ,  $f(x) \rightarrow \frac{-1}{\quad}$   
 as  $x \rightarrow \infty$ ,  $f(x) \rightarrow \infty$   
 Positive:  $x > -1$  Negative:  $x < -1$



Domain:  $\mathbb{R}$  Range:  $y < 0$   
 X-intercept: none y-intercept:  $(0, -2)$   
 Interval of Increase: none Interval of Decrease:  $\mathbb{R}$   
 Maximum(s): none Minimum(s): none  
 Asymptote:  $y = 0$   
 End Behavior: as  $x \rightarrow -\infty$ ,  $f(x) \rightarrow \frac{0}{\quad}$   
 as  $x \rightarrow \infty$ ,  $f(x) \rightarrow -\infty$   
 Positive: none Negative:  $\mathbb{R}$