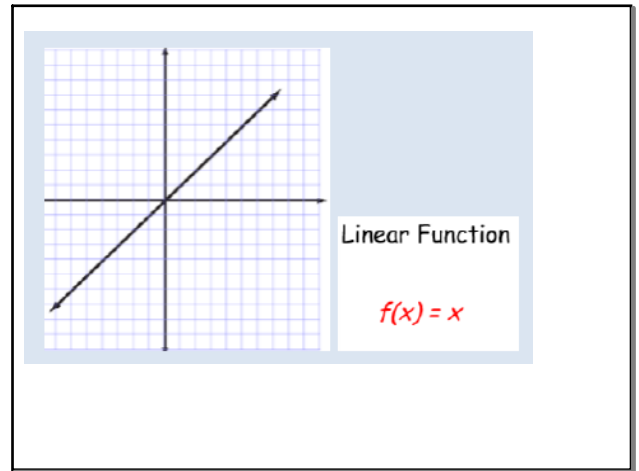
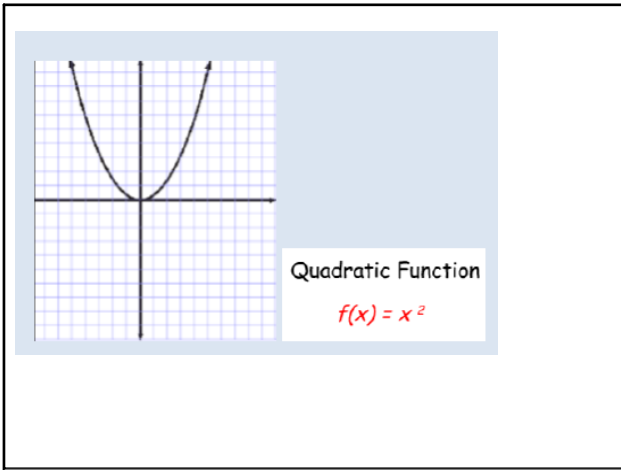


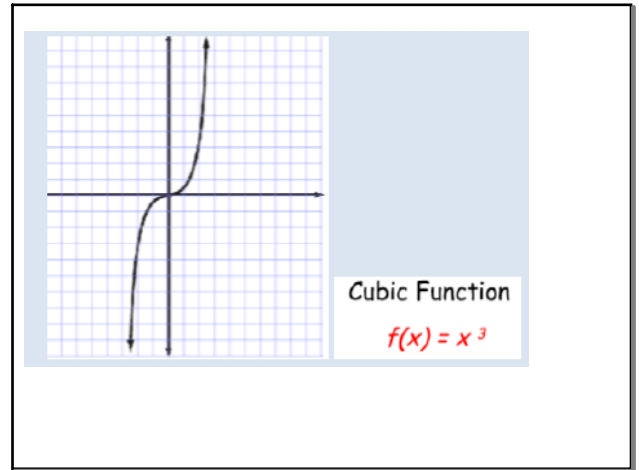
Oct 25-7:27 AM



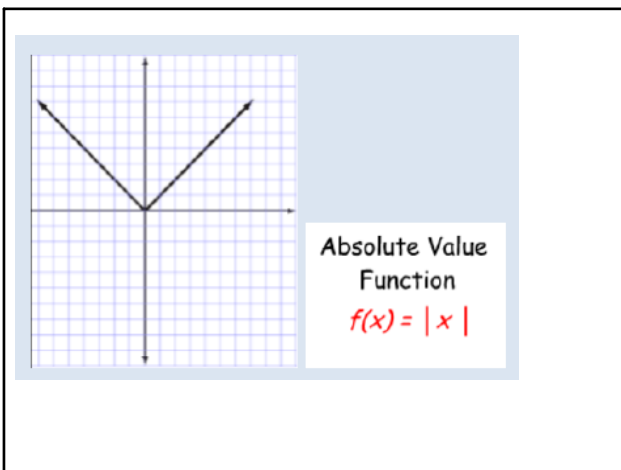
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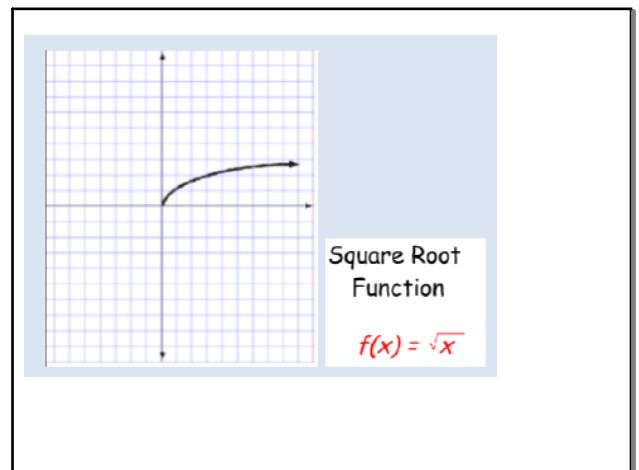
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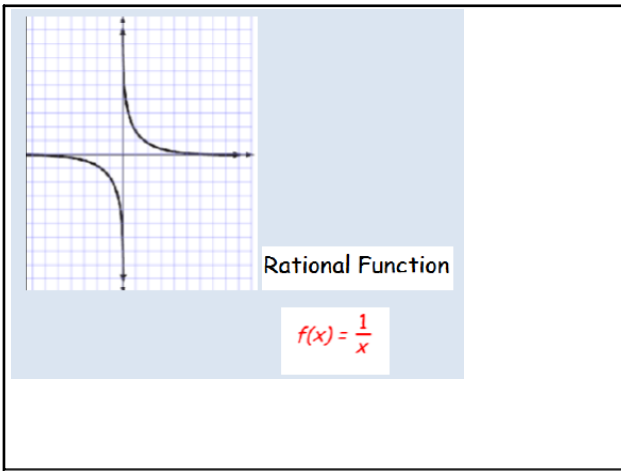
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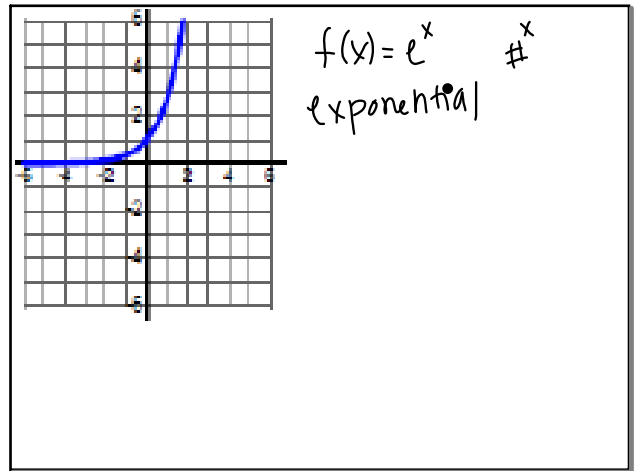
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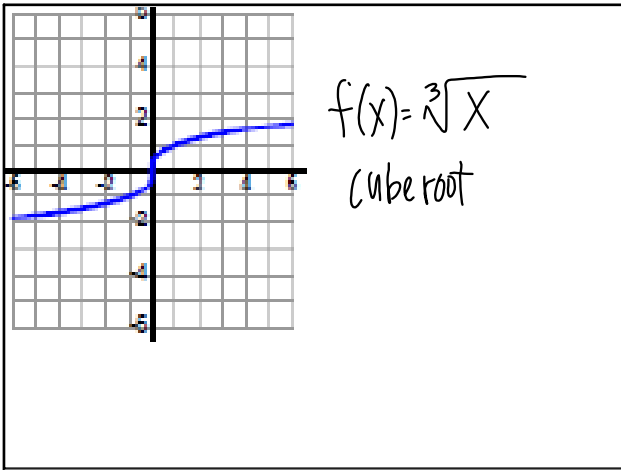
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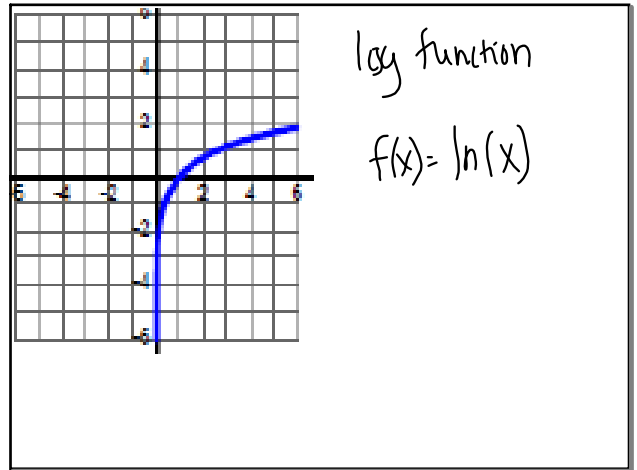
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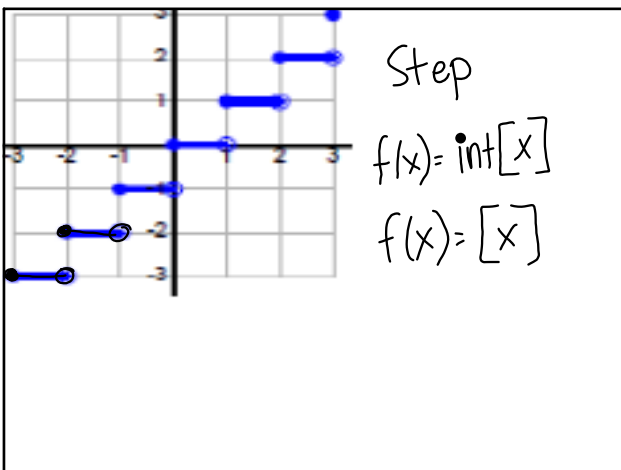
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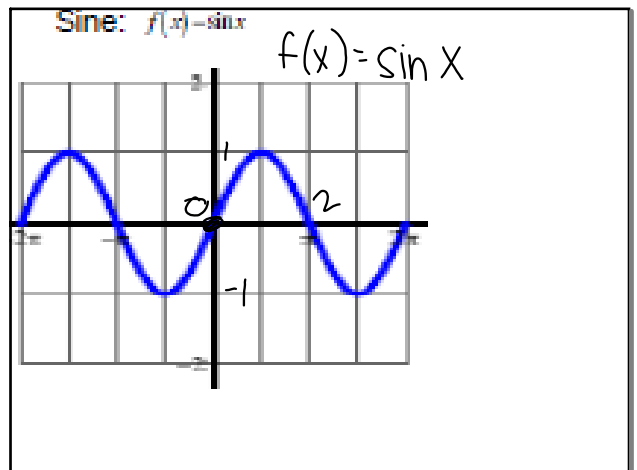
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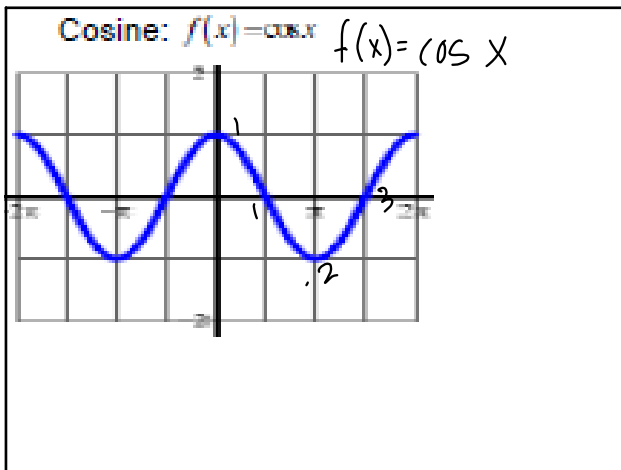
Oct 25-8:25 AM



Oct 25-8:27 AM



Oct 25-8:29 AM



Oct 25-8:29 AM

End Behavior: what direction the end of the graph is going  
 Domain: all possible values of x  
 Range: all possible values of y

Oct 25-8:33 AM

4.1 Parent Functions  
 Vertical Asymptotes: a place on the graph where it is undefined vertically. Usually where there is a zero in the denominator.  
 $n < d$   $y=0$ ,  $n > d$  none,  $n = d$  divide coefficients  
 Horizontal Asymptotes: a line on the graph that goes horizontal  
 Continuity: you don't have to lift your pencil to graph the function

Oct 25-8:35 AM

x-intercepts: where the graph crosses the x-axis  
 y-intercepts: where the graph crosses the y-axis  
 Increasing: where the graph is going "up hill" (x-values)  
 Decreasing: where the graph is going "down hill" (x-values)

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Positive: where the graph is above the x-axis(x-values)  
 Negative: where the graph is below the x-axis(x-values)  
 Relative Max: high point  
 Relative Min: low point

Oct 25-8:38 AM