

To use, enter any function of X and Y in Y1.

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:ClrDraw           {ClrDraw is in DRAW under Draw}
:FnOff            {FnOff is in VARS under Y-Vars}
:7*(XMax-XMin)/83 →H  {XMax, XMin are in VARS under Window}
                   {The arrow is STO}
:7*(YMax-YMin)/55 →K  {YMax, YMin are in VARS under Window}
:1/(0.4*H)^2 →A
:1/(0.4*K)^2 →B
:XMin+0.5*H →X      {X is X,T button}
:YMin+0.5*K →Z
:1 →L              {The 1 is a one}
:Lbl 1             {Lbl is in PRGM under CTL}
:1 →J
:Z →Y
:Lbl 2
:Y1 →T            {Y1 is in VARS under Y-VARS}
:1/√(A+B*T^2) →C    {√ is the square root button.}
:T*C →S
:Line(X-C,Y-S,X+C,Y+S) {Line is in DRAW under Draw}
:Z+J*K →Y
:IS>(J,8)         {IS> is in PRGM under CTL}
:Goto 2           {Goto is in PRGM under CTL}
:X+H →X
:IS>(L,12)
:Goto 1

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