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y = log(x)
```

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from math import log
x = float (input("Ingrese x:"))
if x<=0:
  print ("No esta definido")
else:
 y = log(x)
  print("y es: {:.3f}".format(y))
     Ingrese x:12
     y es: 2.485
                                          y = log(\sqrt{x})
x = float (input("Ingrese x:"))
if x<=0:
  print ("No esta definido")
else:
 y = log(x**(1/2))
  print("y es: {:.3f}".format(y))
     Ingrese x:3
     y es: 0.549
                                       y = \log(\sqrt{x^2 - 1})
x = float (input("Ingrese x:"))
if (x<=1) and (x>=-1):
  print ("No esta definido")
else:
 y = log((x^{**}(2)-1)^{**}(1/2))
  print("y es: {:.3f}".format(y))
     Ingrese x:5
     y es: 1.589
                                        y = \frac{\log(\sqrt{x-1})}{x^2 + 1}
x = float (input("Ingrese x:"))
if (x<=1):
 print ("No esta definido")
```

else:

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y=(\log((x-1)**(1/2))/(x**2+1))
  print("y es: {:.3f}".format(y))
     Ingrese x:7
     y es: 0.018
                                             y = \frac{x - 1}{\log(x)}
x = float (input("Ingrese x:"))
if (x<0):
  print ("No esta definido")
else:
  y=((x-1)/(\log(x)))
  print("y es: {:.3f}".format(y))
     Ingrese x:2
     y es: 1.443
                                         y = \frac{1}{x} + \sqrt{x - 1}
from math import pow
x = float (input("Ingrese x:"))
if (x<=0):
  print ("No esta definido")
else:
  y=(1/x + pow(x-1,1/2))
  print("y es: {:.3f}".format(y))
     Ingrese x:4
     y es: 1.982
                               y = \frac{1}{x} + \sqrt{x - 1} - \frac{1}{\log\left(\frac{1}{x + 1}\right)}
x = float (input("Ingrese x:"))
if (x<1):
  print ("No esta definido")
else:
  y=((x-1)/(\log(x)))
  print("y es: {:.3f}".format(y))
```

$$y = \frac{2}{x^2 + 1}$$

```
x = float (input("Ingrese x:"))
y=(2/(pow(x,2)+1))
print("y es: {:.3f}".format(y))

Ingrese x:2
y es: 0.400
```

$$A = log_{10} \frac{1}{T}$$

$$y=rac{1}{n}\sum_{i=1}^n x_i$$
 $z=rac{1}{n-1}\sum_{i=1}^n (x_i-ar{x})^2$ $m=rac{\sqrt{z}}{y}$