Solve for P(x) which is the Gaussian normal distribution by dividing previously solved for Numerator by the previously solved for Denominator.

End

Solve for numerator with formula:

Numerator=exp(-((x-y)^2)/(2\*(z^2)))

Solve for denominator with formula:

Denominator=z\*sqrt(2\*pi)

Set three variables equal to x, y and z respectively.

Begin