

AT Quick Guide

Writing Equations in MS Word 07

Write an equation

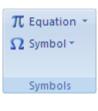
On the Insert tab, in the Symbols group, click the arrow under Equation, and then click Insert New Equation.

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You will then use the keyboard and the equation "Design" tab to compose your equation.

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	Tools	5		Symbols								Structure	es				

Insert a frequently used or preformatted equation



On the **Insert** tab, in the **Symbols** group, click the arrow next to **Equations**, and then click the equation that you want.

Select the equation that you want to add.

If the structure contains placeholders, click in the placeholders and type the numbers or symbols that you want. Equation placeholders are small, dotted

boxes in an equation $\frac{1}{2}$.

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Built-In		<u> </u>					
Area of Circle							
$A = \pi r^2$		La la					
I	Area of Circle						
Binomial Theorem Surface area of a circle with radius							
$(x+a)^n = \sum_{k=0} \binom{n}{k} x^k a^{n-k}$							
Expansion of a Sum							
$(1+x)^n = 1 + \frac{nx}{1!} + \frac{n(n-1)}{2!}$	$\frac{x^2}{2} + \cdots$						
Fourier Series							
$f(x) = a_0 + \sum_{n=1}^{\infty} \left(a_n \cos \frac{n\pi x}{L} + b_n \sin \frac{n\pi x}{L} \right)$							
π Insert New Equation							
Save Selection to Equation Galle	DV						

* Adapted from MS Word 07 Help Menu