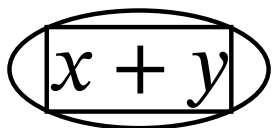


# MathML rendering of menclose notation="circle" and pseudo script

With MathML `<menclose notation="circle">`, you can specify a circle drawn either inscribed in a rectangle or circumscribing a rectangle, as well as the pseudo script drawing process (see [7.7.2 Pseudo-scripts](#) in the MathML specification). These specifications can be changed in the Option Setting File. The circle drawn with `<menclose notation="circle">` can be controlled by 'encloseCircle', and a pseudo script can be controlled by 'pseudoScripts'. Please refer to the differences in the example images demonstrating the default value and the alternative setting file value. `<menclose notation="circle">` rendering specification is available in AH Formatter V6.3 and later.

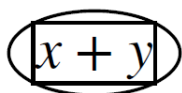
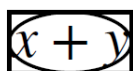
## Drawing a circle with menclose notation="circle"

By specifying 'inscribed' (default value) for 'encloseCircle', a circle is drawn inscribed against the boundary rectangle. On the other hand, by specifying 'circumscribed', a circle is drawn circumscribing the boundary rectangle. The circumscribing circle is a similar figure to the inscribed circle.



encloseCircle="inscribed" (Default)

encloseCircle="circumscribed"



## Processing a pseudo script

By specifying 'true' (default value) for 'pseudoScripts', when all the character strings of superscripts, such as `<msup>` etc., are pseudo superscripts, a script level will not be changed and a baseline will not be changed either. This also applies to subscripts, such as `<msub>`, etc.

$$(x', y')(X', Y')$$

$$f'(x) = f'(x)$$

$$(x_+, y_+)(X_+, Y_+)$$

pseudoScripts="true"(Default)

pseudoScripts="false"

$$(x', y')(X', Y') \quad (x', y')(X', Y')$$

$$f'(x) = f'(x) \quad f'(x) = f'(x)$$

$$(x_+, y_+)(X_+, Y_+) \quad (x_+, y_+)(X_+, Y_+)$$