


## Rx Transposition

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 NOTE: This calculator in *eye tools* is used to transpose a spectacle prescription from *Plus Cyl Format* to the equivalent *Minus Cyl Format* - or vice versa.


It also calculates the *Sphere Equivalent* for any prescription.

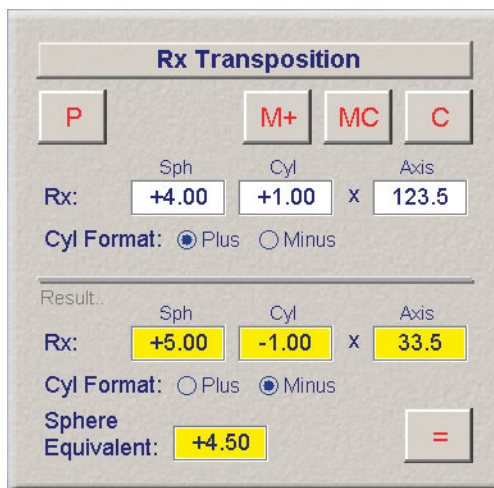
Optometrists use this information to convert a prescription written in a different format. They also use it to calculate the spherical equivalent of a prescription in some contact lens work.

1. Click on  to clear all data.
2. Enter the Rx in either format. (The calculator will recognise the *Cyl Format* as either *Plus* or *Minus*).
3. Click on  to make the calculation.
4. The result is displayed as the opposite *Cyl Format* and the *Sphere Equivalent*.
5. To print a copy of the results: Click on .
6. To copy the result to the clipboard (so that it can be pasted into a different program): Click on  (The clipboard can be cleared with ).

✓ **Tip:**

- This calculation can be used when a prescription in plus cyl format is presented from a different practice.

 EXAMPLE: A script of +4.00 / +1.00 x 123 is presented. The equivalent in minus cyl format is then calculated as +5.00 / -1.00 x 33.



**Rx Transposition**

Sph Cyl Axis

Rx:   x

Cyl Format:  Plus  Minus

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Result..

Sph Cyl Axis

Rx:   x

Cyl Format:  Plus  Minus

Sphere Equivalent:

Figure: The calculator for Rx Transposition