

**Text In A Box**

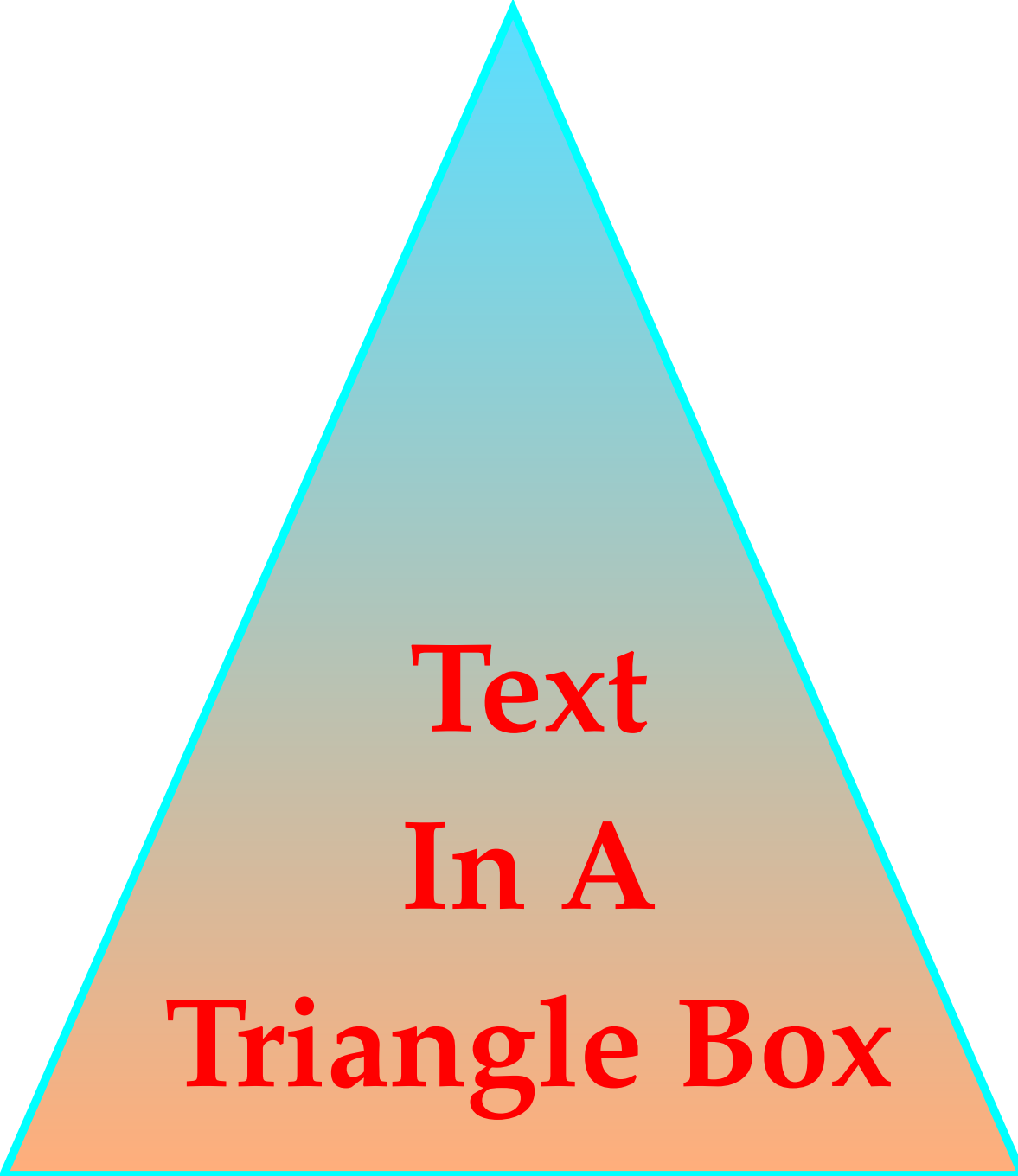
**Text In A Box**

**Text In A Box**

**Text In A Shadow Box**



**Text  
In A Diamond  
Box**



**Text  
In A  
Triangle Box**



Text  
In A  
Circle  
Box



**Text  
In An  
Oval  
Box**



Thus we find that  $x + y = 3$   
and using this together with

$x^2 + y^2 = 3$  found earlier,

we see that  $x = 2$  and  $y = 1$

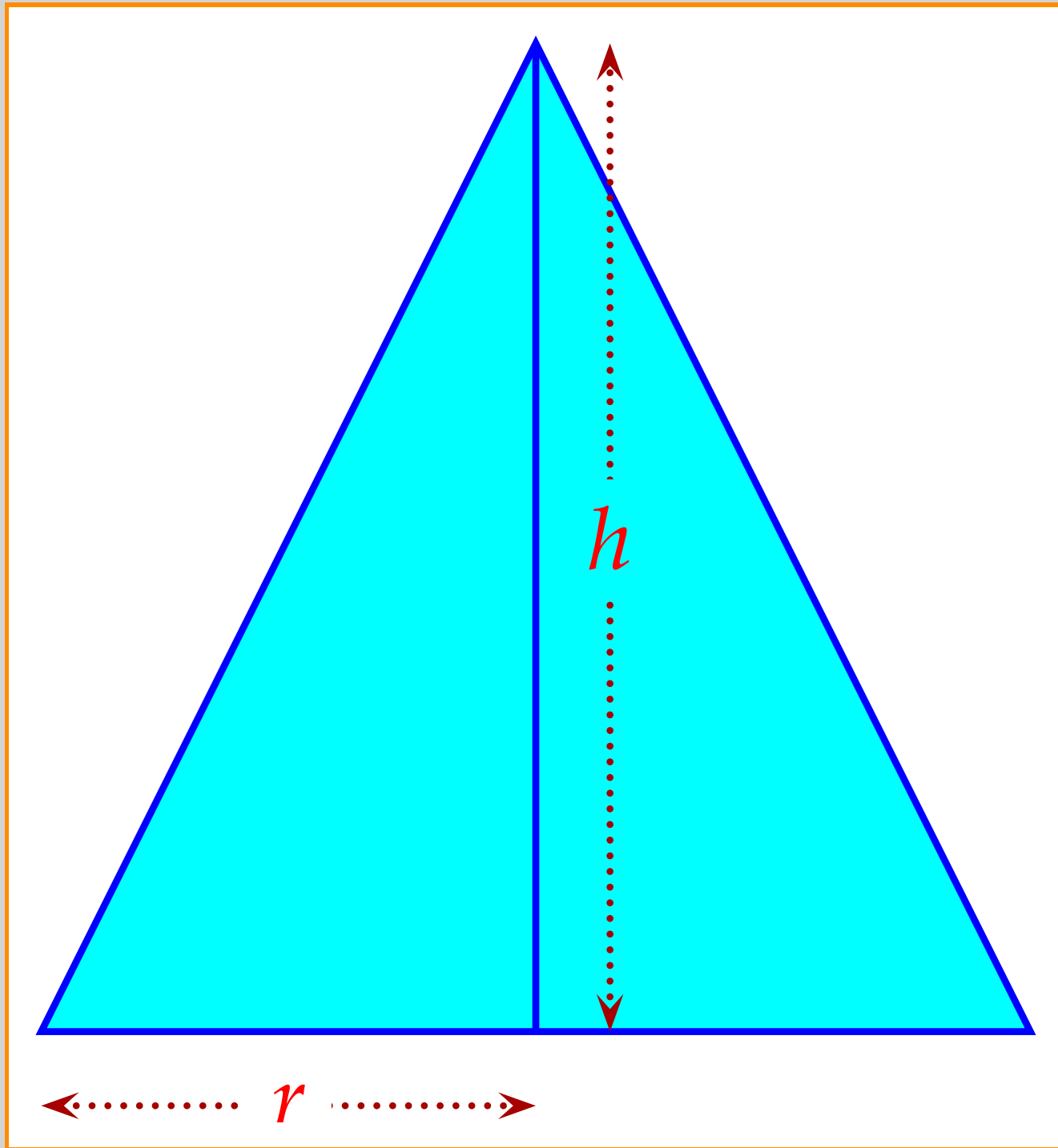
Thus we find that  $x + y = 3$   
and using this together with

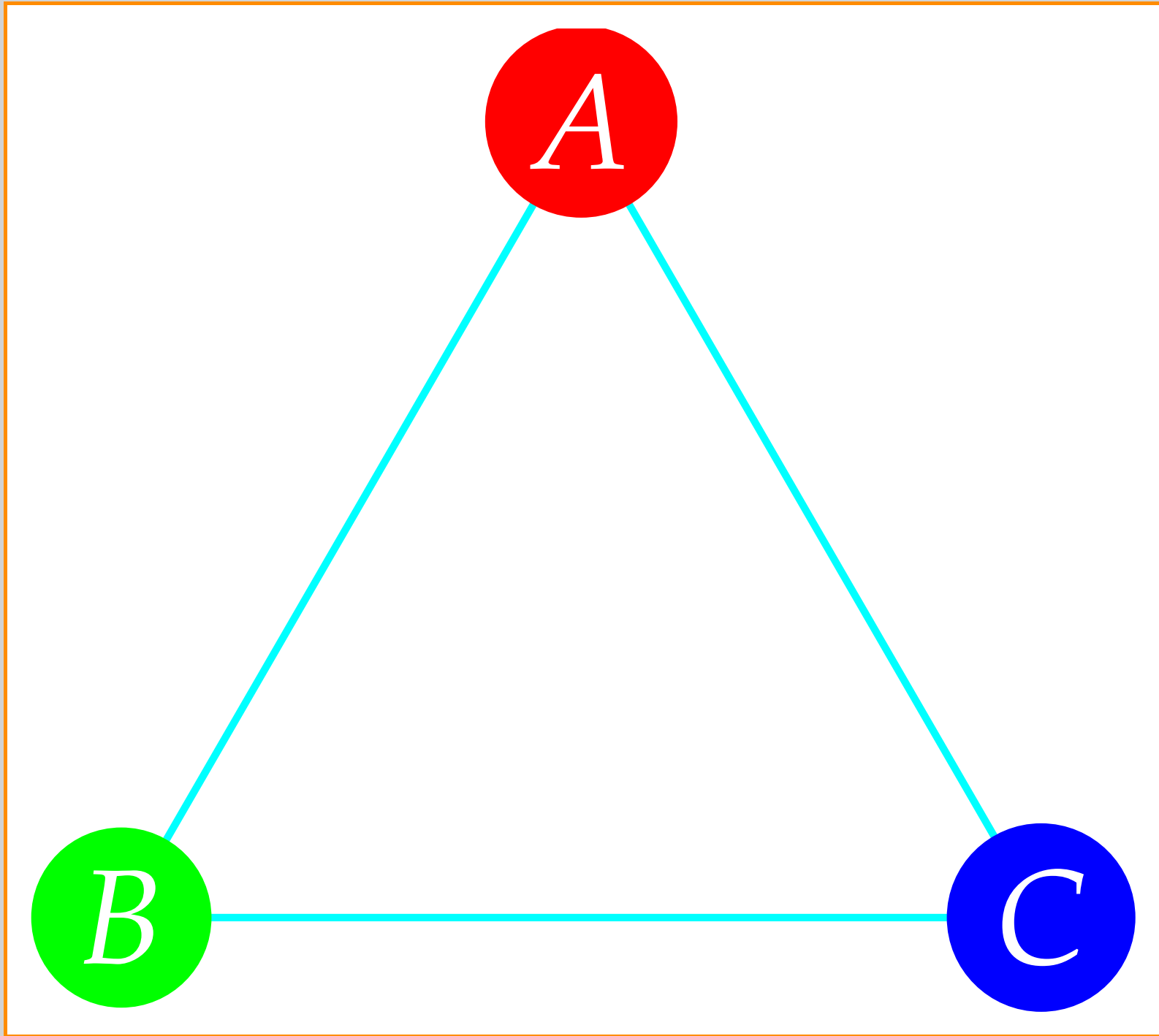
$x^2 + y^2 = 3$  found earlier, we see

that  $x = 2$  and  $y = 1$

**Text In A \psframebox**

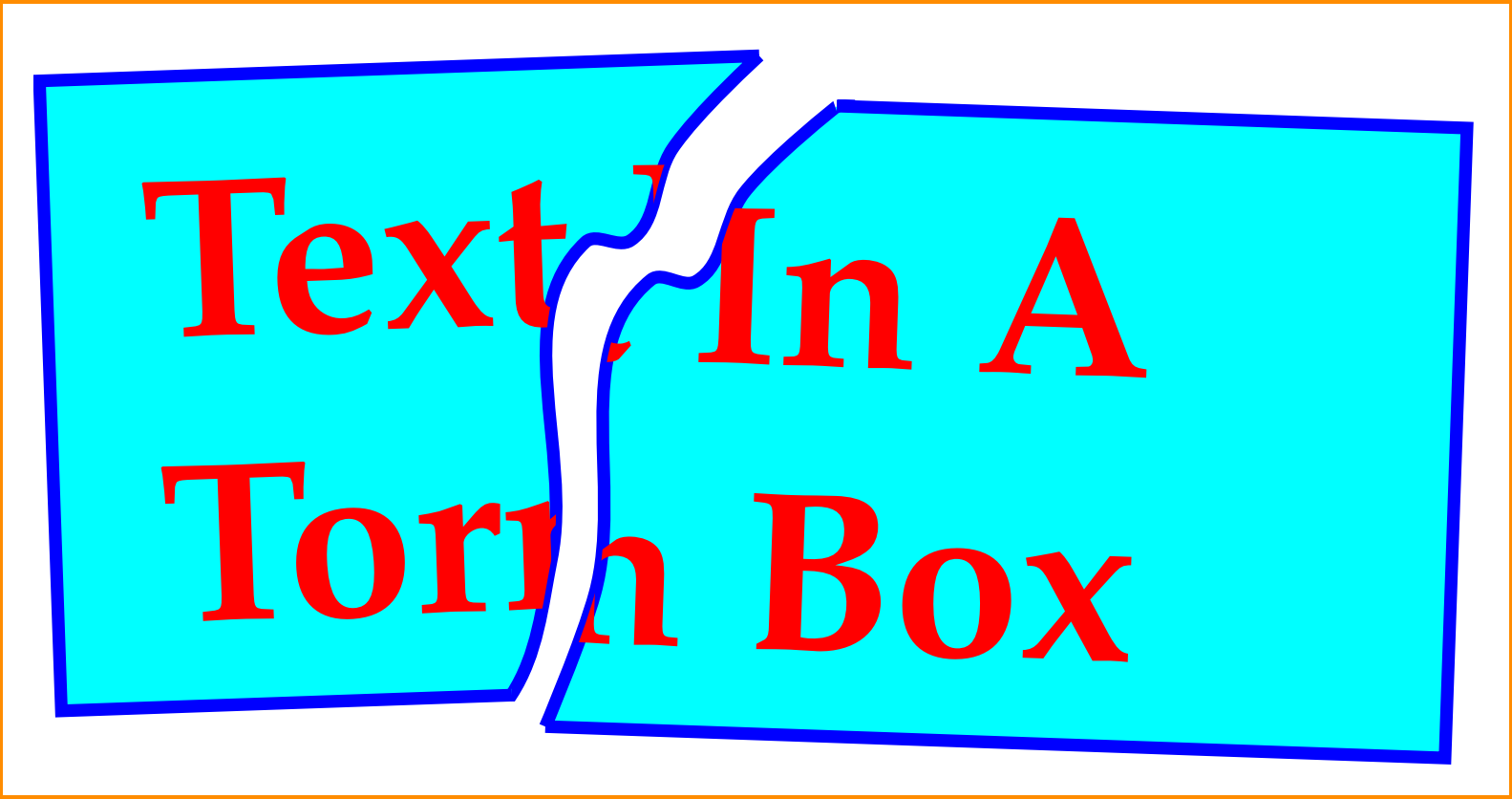
**Text In A \psframebox\***



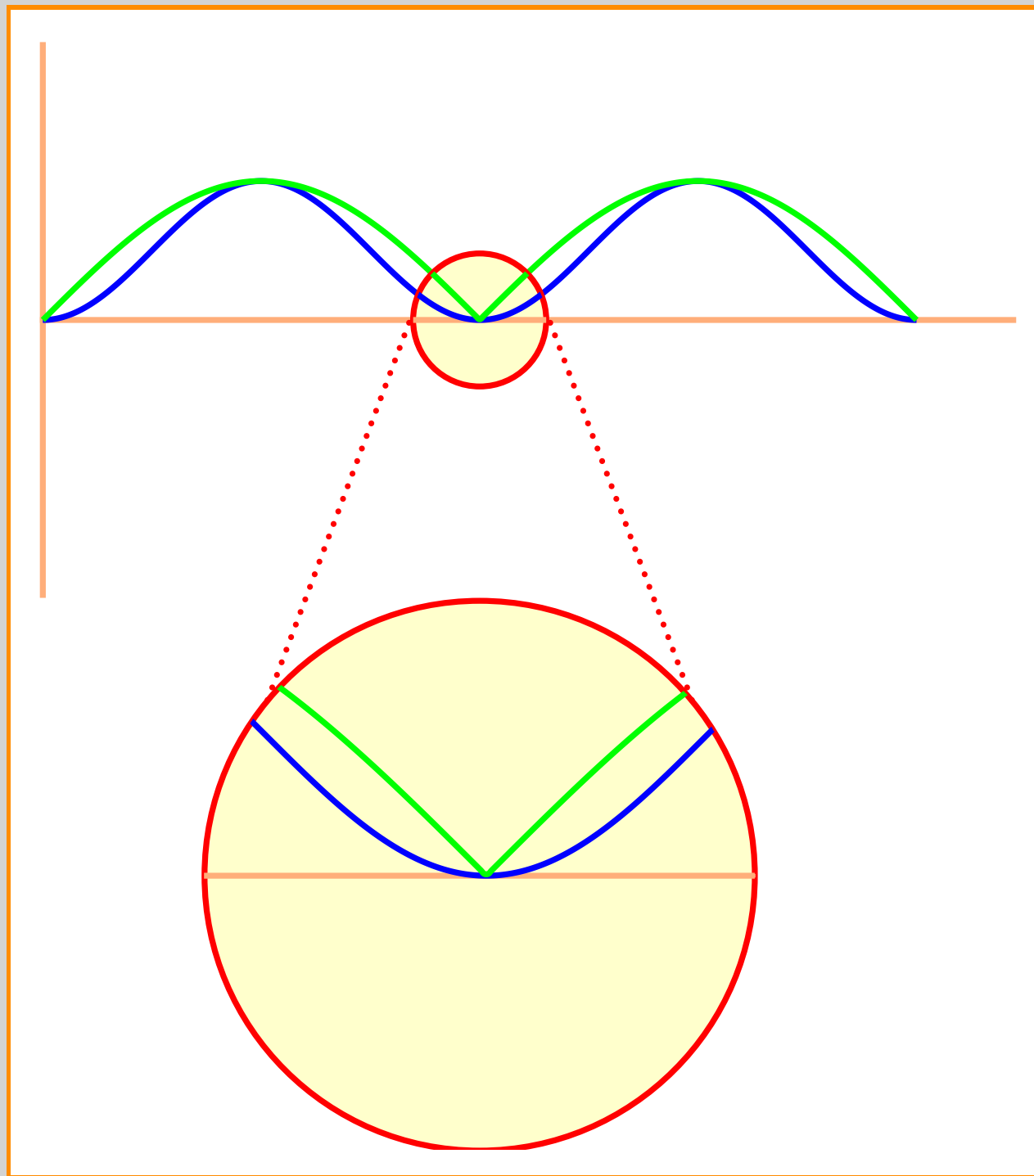




# Cut Diamond



Text In A  
Torn Box





go straight go down turn upside down go up go straight again

go straight

go down

turn upside down

go up

go straight again

**Question:** Why did the  
tachyon cross the street?

**Answer:** Because it's already  
on the other side

tall and lean

short and fat

large but proportional

MIRROR | ЯОЯЯИМ

MIRROR



ИИЬЬОВ

tall and lean

short and fat

small but proportional

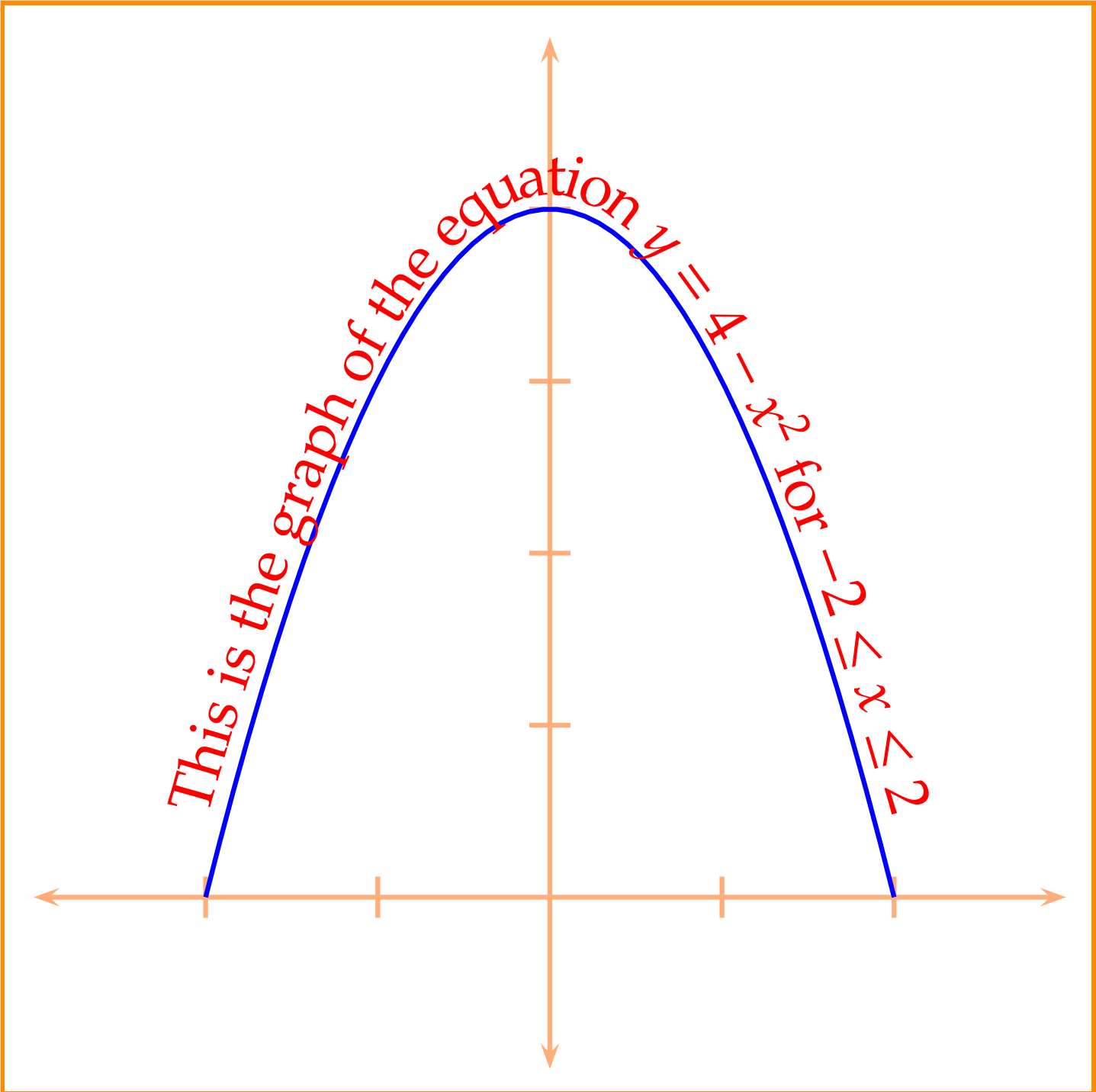
Now we have to  
go around a puny sun.  
Next

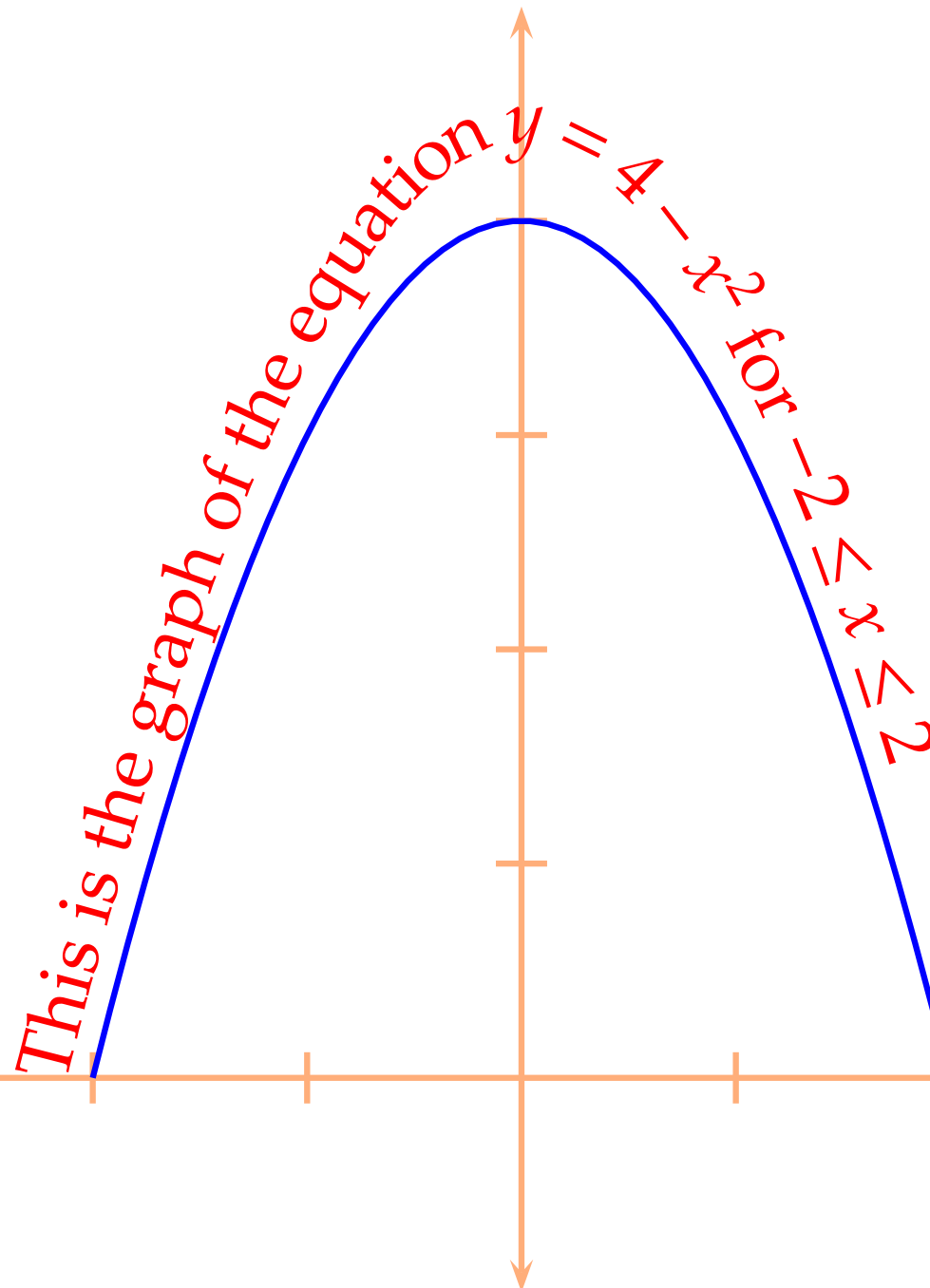
x

This is the graph of the equation  $y = 4 - x^2$  for  $-2 \leq x \leq 2$

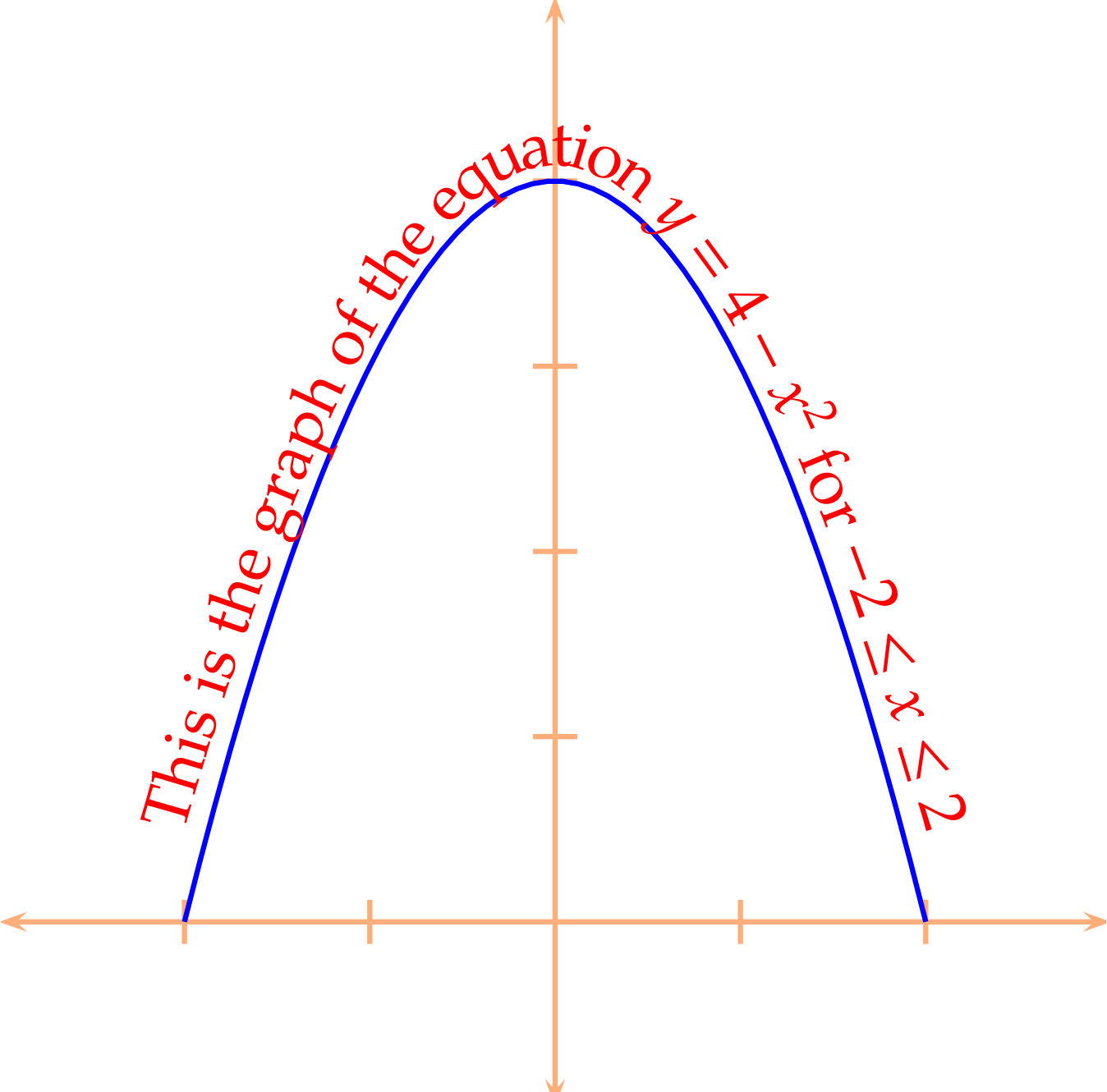


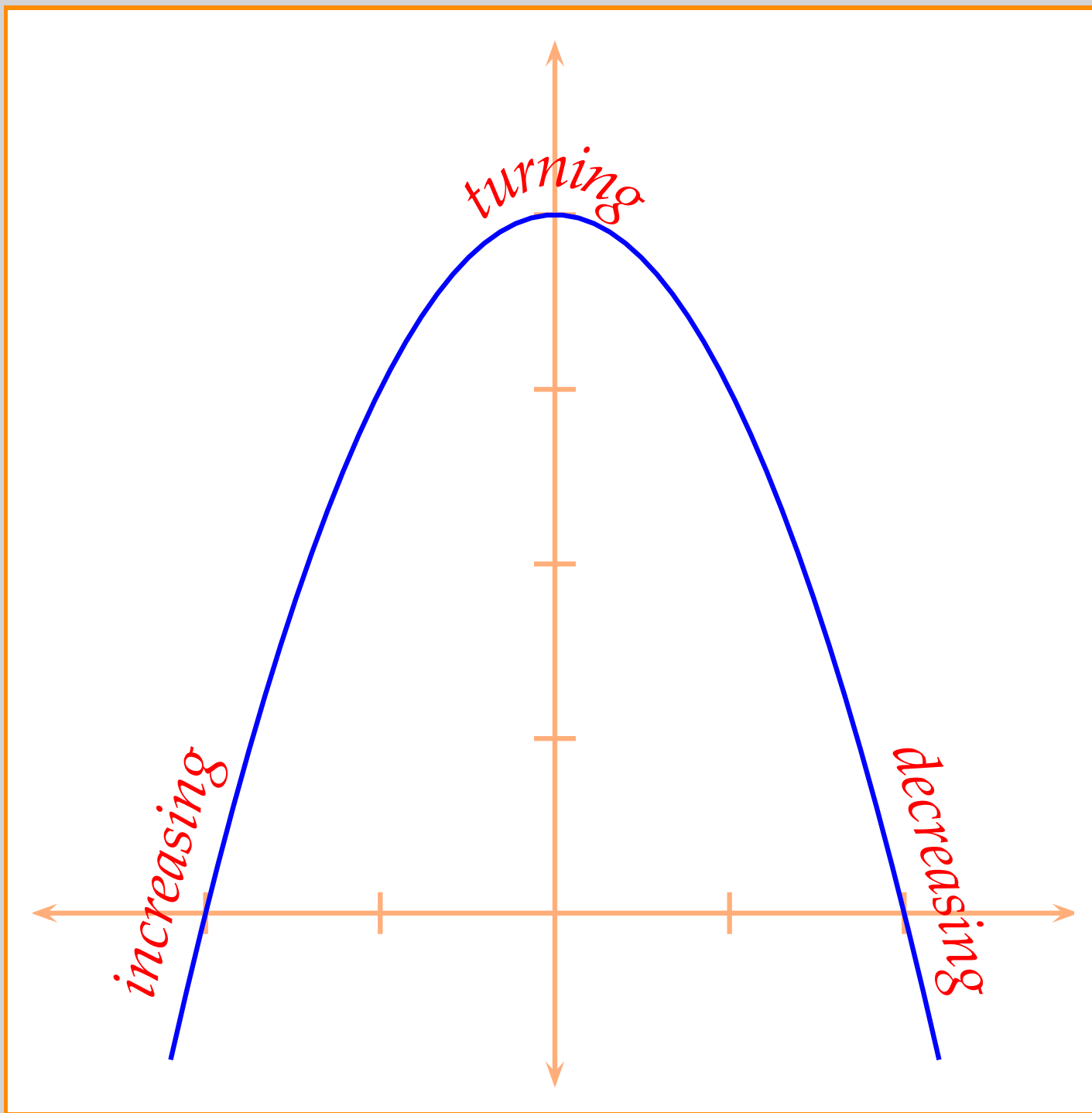
This is the graph of the equation  $y = 4 - x^2$  for  $-2 \leq x \leq 2$

A Cartesian coordinate system with a blue parabolic curve. The curve is symmetric about the y-axis, starting at (-2, 0) and ending at (2, 0), with a maximum at (0, 4). The x-axis has tick marks at -2, -1, 0, 1, and 2. The y-axis has tick marks at 0, 1, 2, 3, and 4. The curve is drawn in blue, and the text is in red.



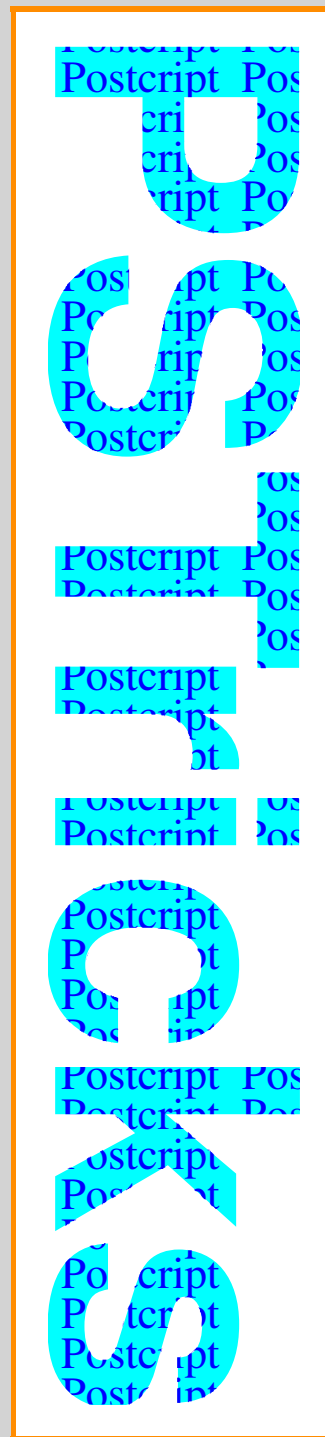
This is the graph of the equation  $y = 4 - x^2$  for  $-2 \leq x \leq 2$

A Cartesian coordinate system with a blue parabola opening downwards. The vertex of the parabola is at (0, 4). The x-axis has tick marks at -2, -1, 0, 1, and 2. The y-axis has tick marks at 0, 1, 2, 3, and 4. The blue curve starts at (-2, 0), goes up to (0, 4), and goes down to (2, 0). The text "This is the graph of the equation y = 4 - x^2 for -2 ≤ x ≤ 2" is written in red, following the curve of the parabola.



# PSTricks

# PSTricks



**PSTricks**

L<sup>A</sup>T<sub>E</sub>X has only limited drawing capabilities, while PostScript is a page description language which has a rich set of drawing commands; and there are programs (such as `dvips`) which translate the `dvi` output to PostScript. So, the natural question is whether one can include PostScript code in a T<sub>E</sub>X source file itself for programs such as `dvips` to process after the T<sub>E</sub>X compilation? This is the idea behind the **PSTricks** package of Timothy van Zandt. The beauty of it is one need not know PostScript to use it—the necessary PostScript code can be generated by T<sub>E</sub>X macros defined in the package