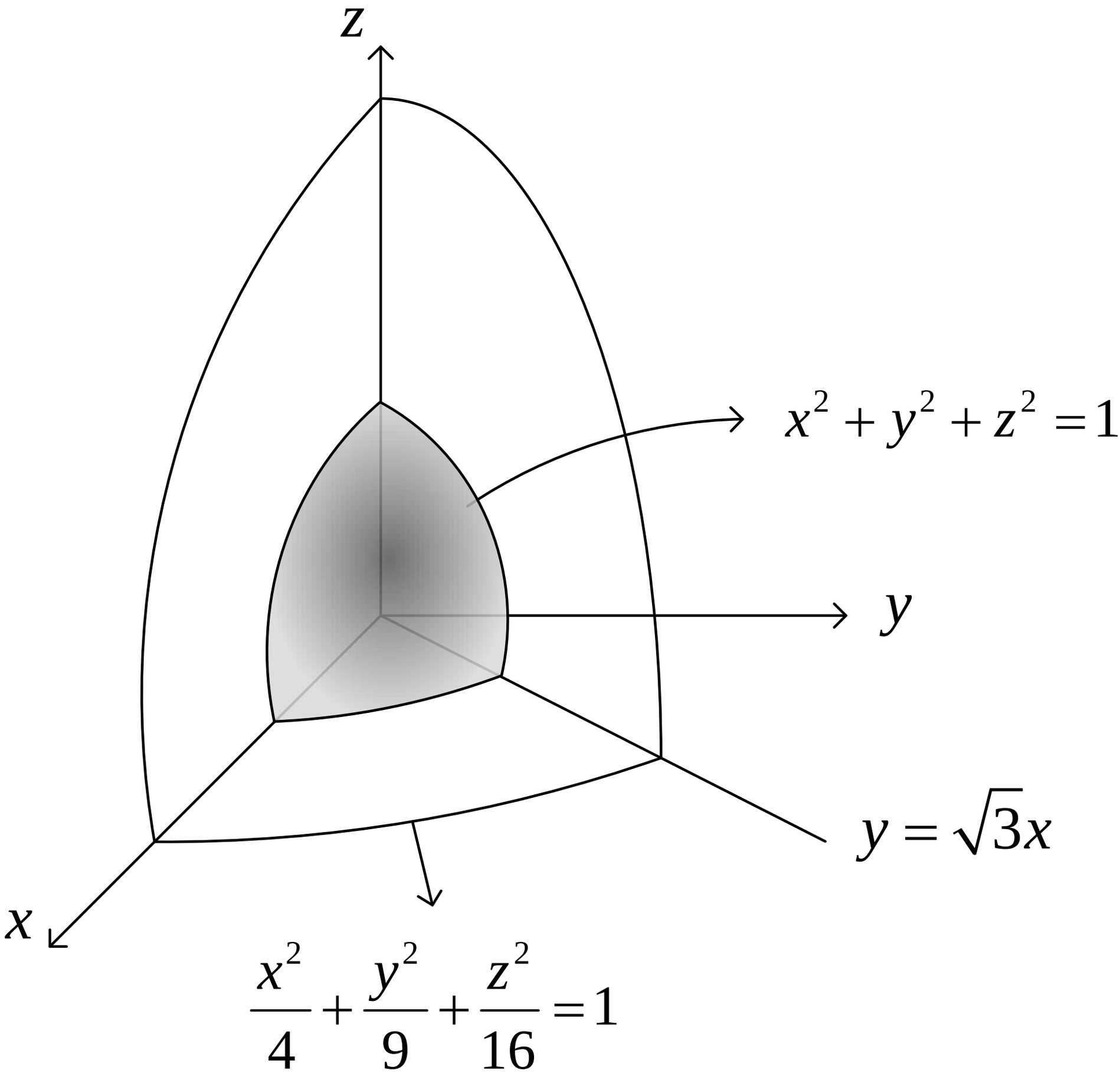
z
$x^2 + y^2 + z^2 = 1$
y
$y = \sqrt{3}x$
x
$\frac{x^2}{4} + \frac{y^2}{9} + \frac{z^2}{16} = 1$