

Merry X-mas!

David Meyer

dmm@{1-4-5.net,uoregon.edu}

Last update: December 25, 2019

y	$=$	$\frac{\ln\left(\frac{x}{m}-sa\right)}{r^2}$	# define y
\rightarrow	$r^2 y = \ln\left(\frac{x}{m}-sa\right)$		# multiply both sides by r^2
\rightarrow	$e^{r^2 y} = \frac{x}{m}-sa$		# exponentiate both sides, noting that $e^{\ln(x)} = x$
\rightarrow	$me^{r^2 y} = x - mas$		# multiply both sides on the left by m
\rightarrow	$me^{r^2 y} = x - mas$		# assume multiplication is commutative ($sa = as$)
\rightarrow	$me^{rry} = x - mas$		# $r^2 = rr \rightarrow$ Merry X-mas!

Merry Christmas Everyone!