Merry X-mas!

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