Merry X-mas!

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