Merry X-mas!

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