

$$\begin{array}{c} \ln(xy) \\ 0 \\ \infty \\ (\exp(x))' \\ \ln(1) \\ \ln(1) = 0 \end{array}$$

$$\begin{array}{c} 0 \\ x \\ \exp(-x) \\ (\ln(x))' \\ \ln(\exp(x)) \\ \ln\left(\frac{1}{x}\right) \end{array}$$

$$\begin{array}{c} \ln\left(\frac{1}{x}\right) \\ (\exp(x))' \\ \lim_{x \rightarrow 0^+} \ln(x) \\ \exp(1) \\ \ln(x^p) \\ \frac{\exp(x)}{\exp(y)} \end{array}$$

$$\begin{array}{c} \ln(xy) \\ \ln(x) - \ln(y) \\ \exp(x) \\ \frac{1}{x} \\ \ln\left(\frac{x}{y}\right) \\ \ln\left(\frac{1}{x}\right) \end{array}$$

$$\begin{array}{c} \ln(\exp(x)) \\ \exp(\ln(x)) \\ \frac{\exp(x)}{\exp(y)} \\ \exp(x + y) \\ -\infty \end{array}$$

$$\begin{array}{c} (\exp(x))' \\ \exp(1) \\ \ln(1) = 0 \\ \exp(x) \\ \lim_{x \rightarrow \infty} \ln(x) \end{array}$$

$$\begin{array}{c} \lim_{x \rightarrow \infty} \ln(x) \\ \ln(xy) \\ \ln(x^p) \\ p \cdot \ln(x) \\ \frac{1}{\exp(x)} \\ (\ln(x))' \end{array}$$

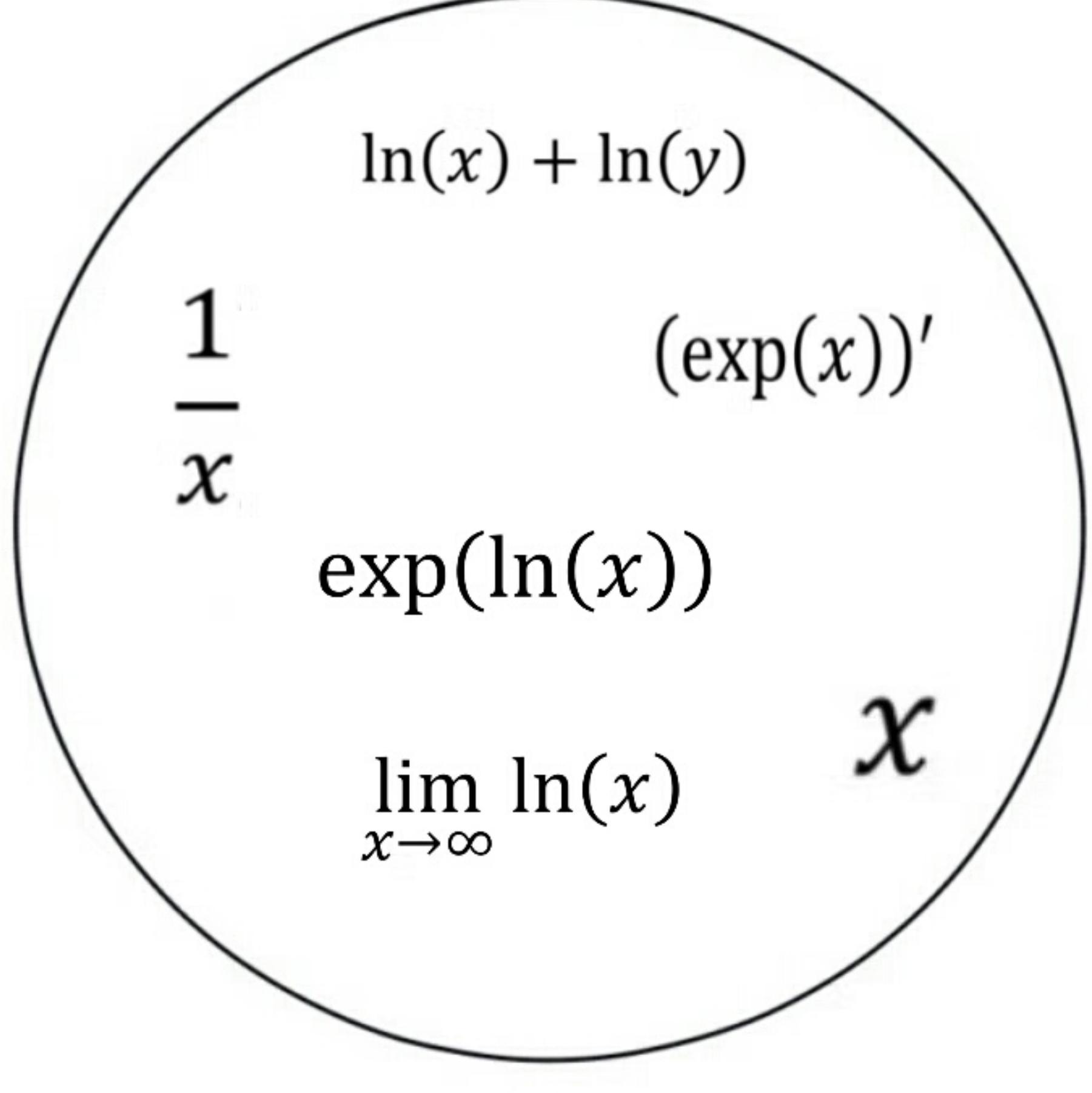
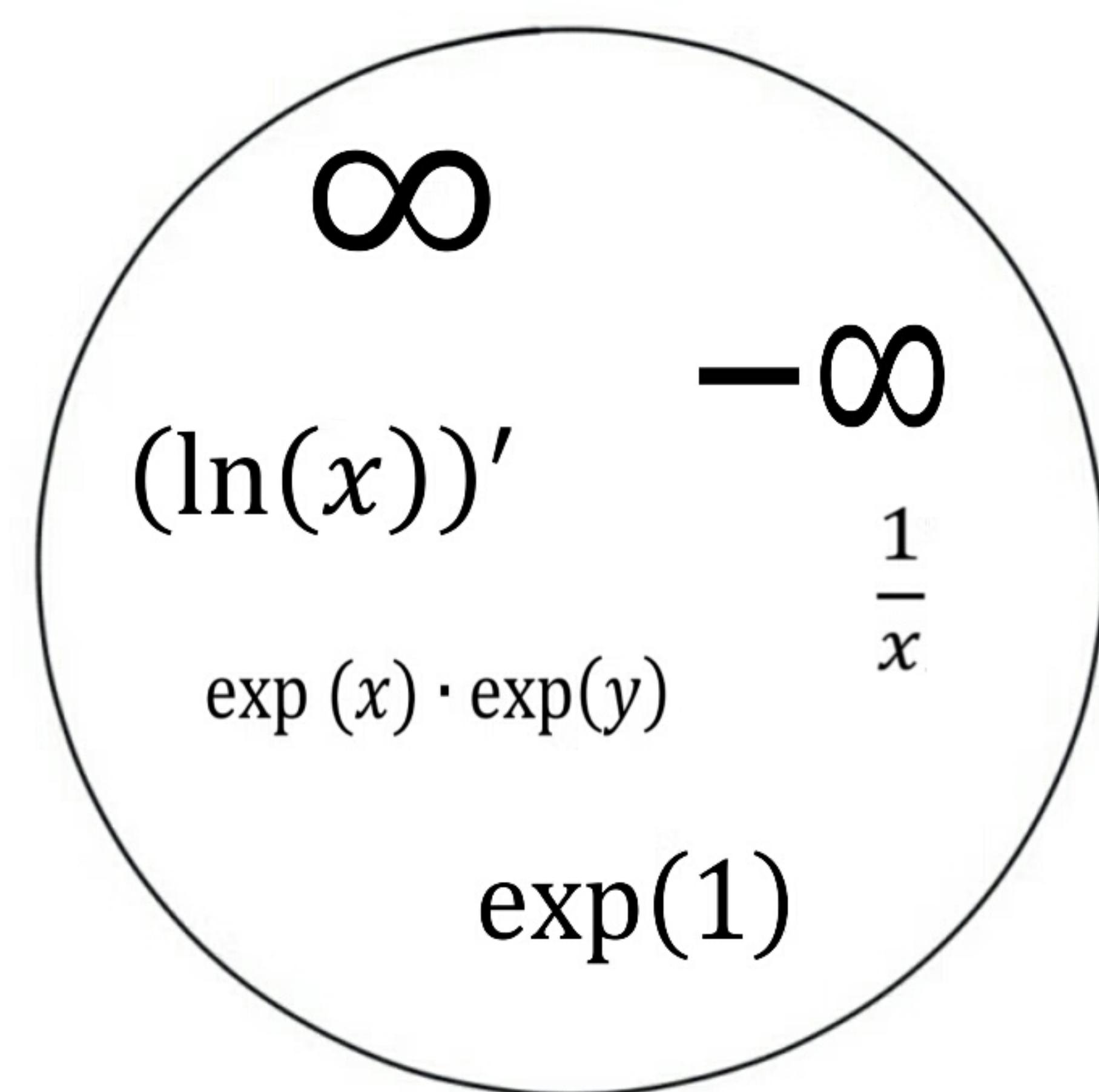
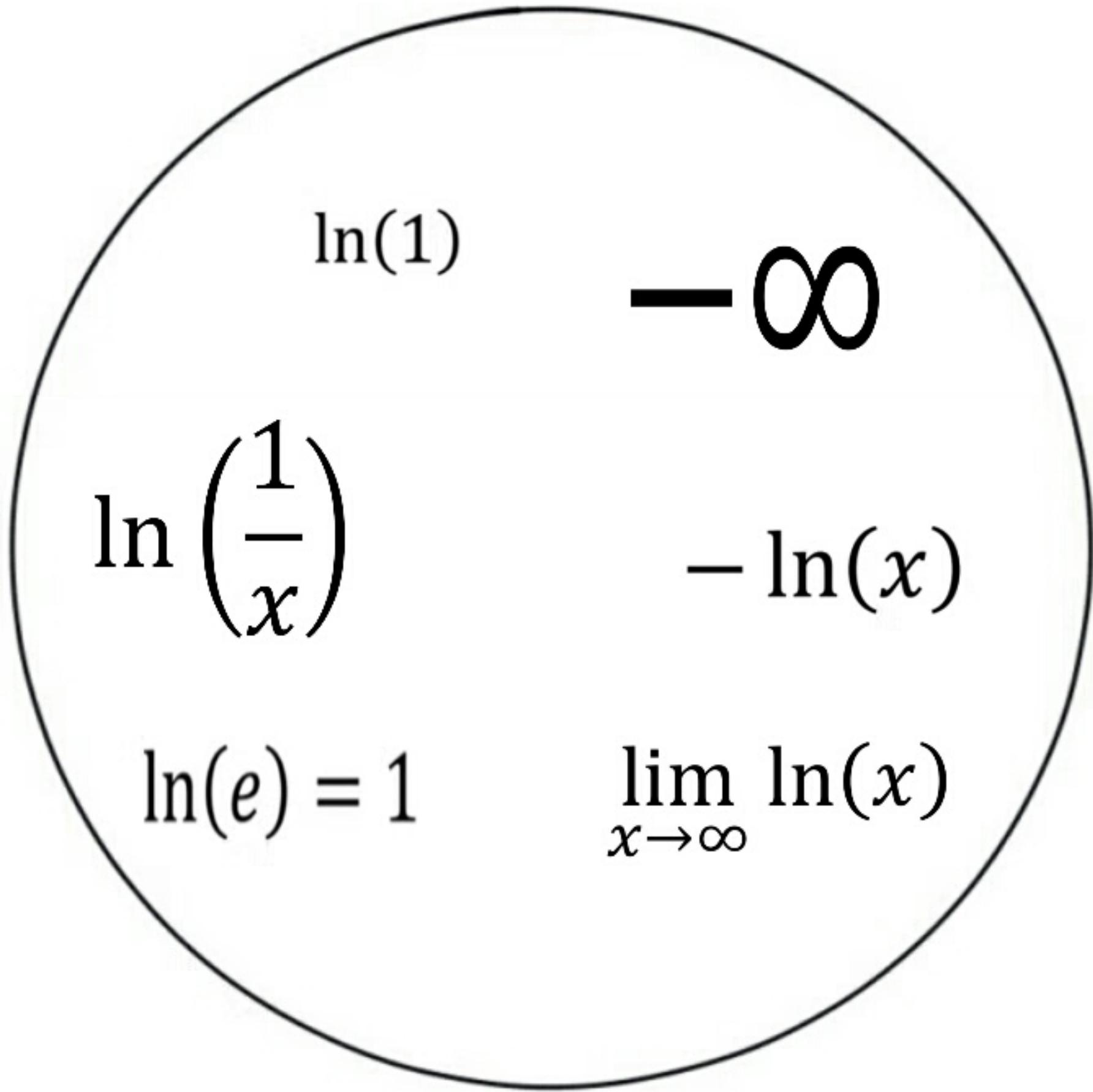
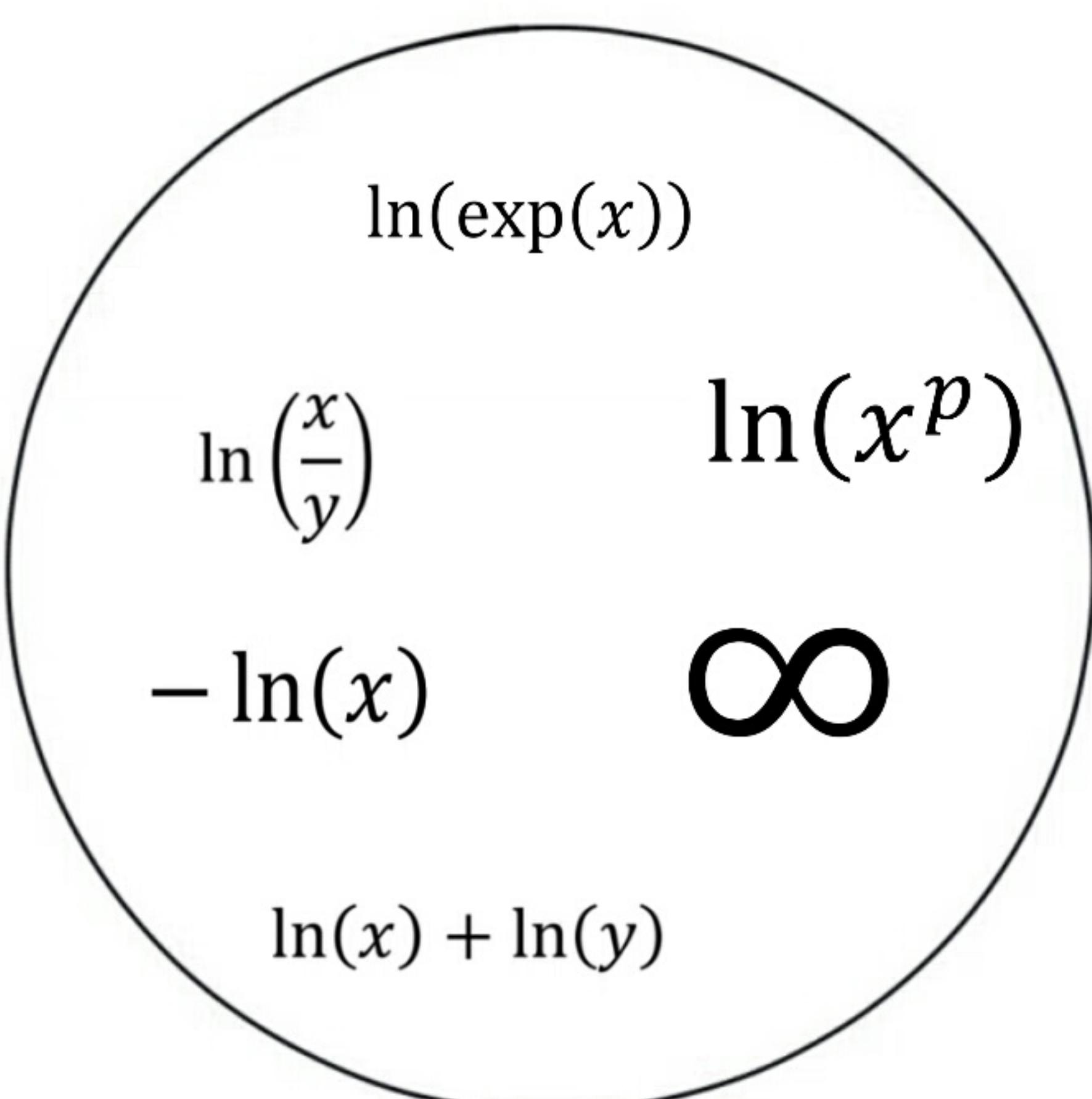
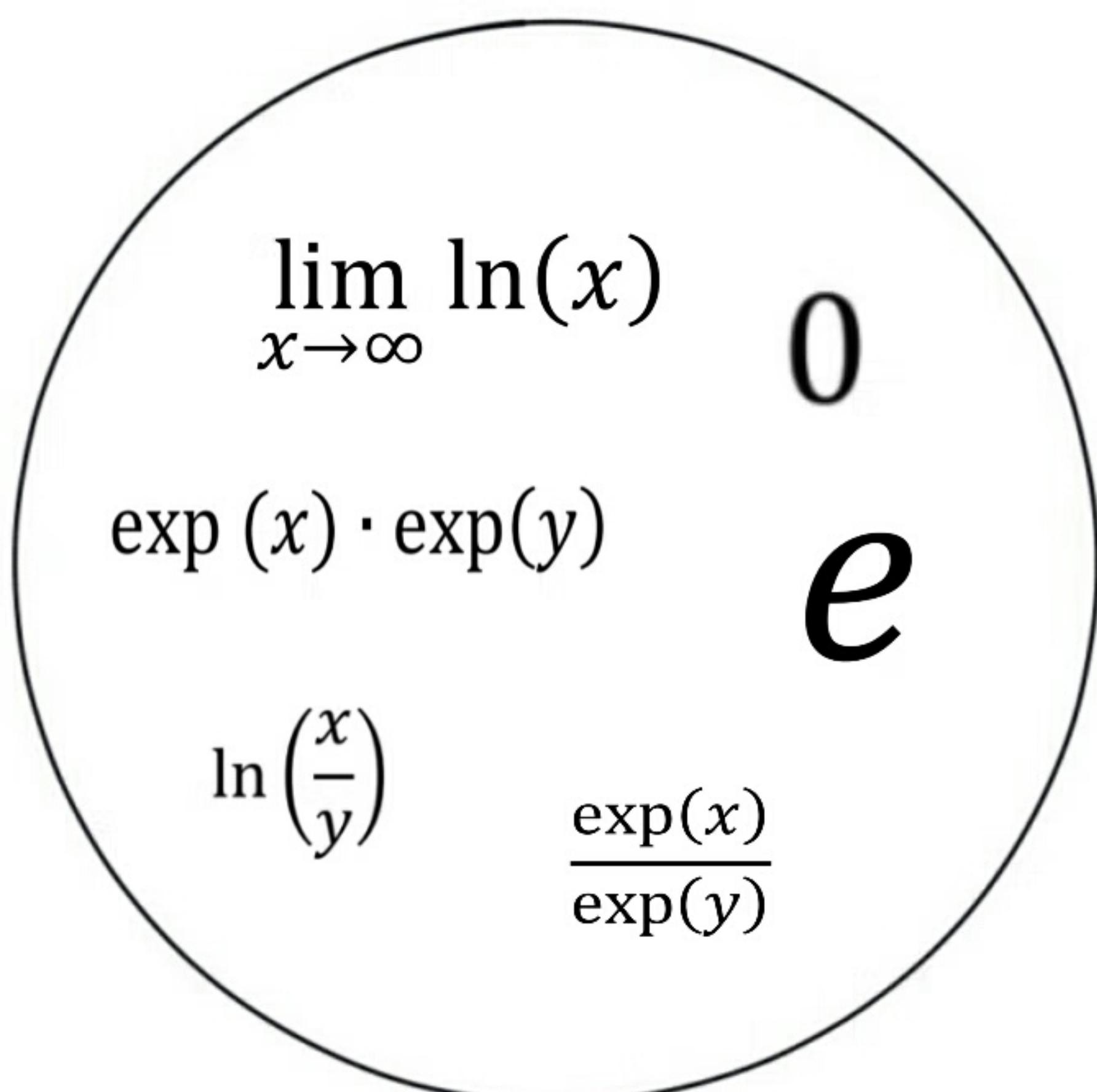
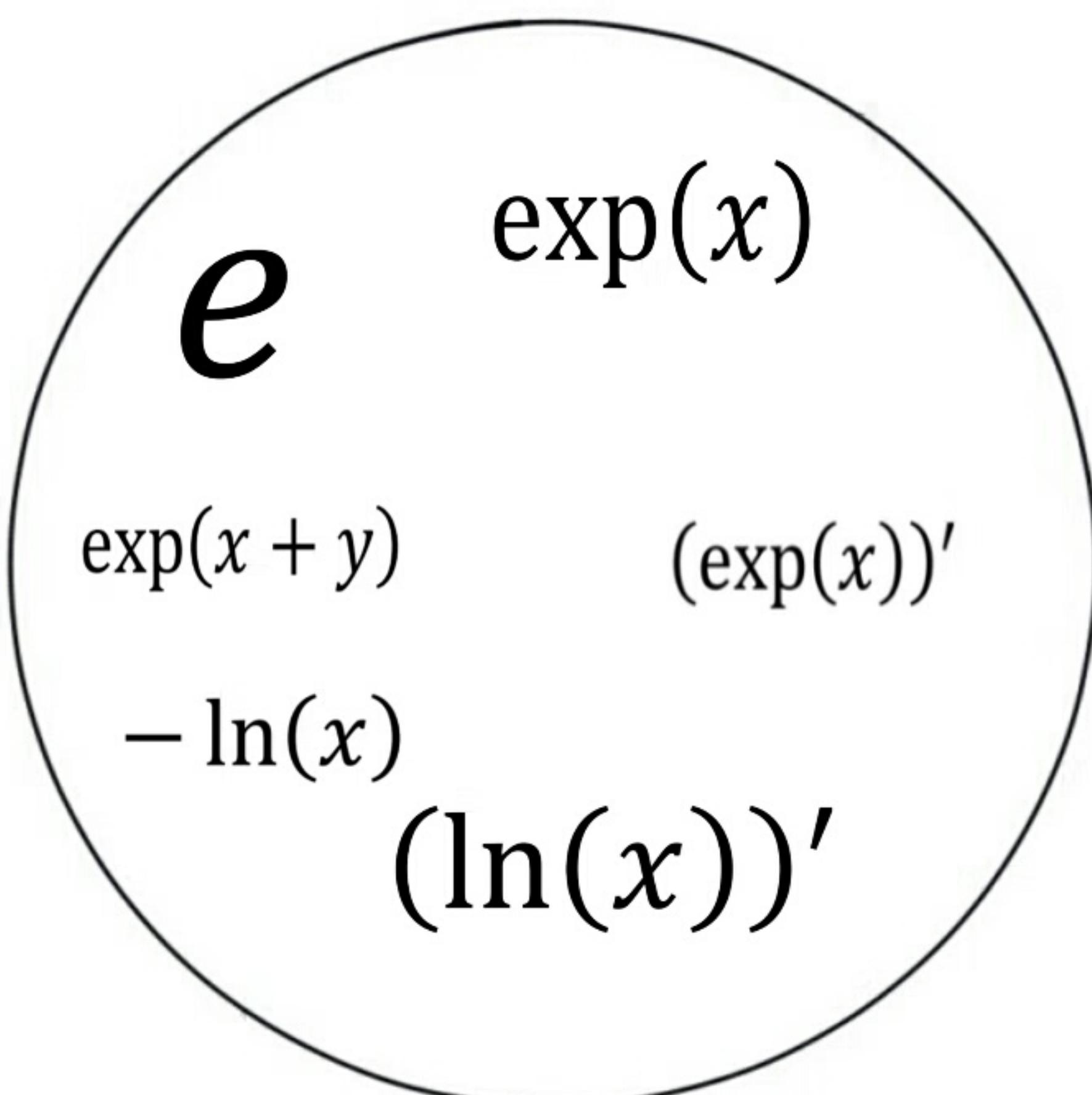
$$\begin{array}{c} (\exp(x))' \\ -\infty \\ \exp(x) \\ \exp(-x) \\ p \cdot \ln(x) \\ \ln\left(\frac{x}{y}\right) \end{array}$$

$$\begin{array}{c} \ln(x) - \ln(y) \\ (\exp(x))' \quad \ln(1) \\ (\ln(x))' \quad \frac{\exp(x)}{\exp(y)} \\ \ln(x) + \ln(y) \end{array}$$

$$\begin{array}{c} \ln(x) - \ln(y) \\ \exp(x + y) \quad \lim_{x \rightarrow 0^+} \ln(x) \\ \lim_{x \rightarrow \infty} \ln(x) \quad \infty \\ \exp(-x) \end{array}$$

$$\begin{array}{c} x \\ -\infty \quad e \\ \ln(1) = 0 \quad \ln(x^p) \\ \ln(x) - \ln(y) \end{array}$$

$$\begin{array}{c} \ln(e) = 1 \\ \infty \quad \exp(x) \\ \frac{\exp(x)}{\exp(y)} \\ x \\ p \cdot \ln(x) \end{array}$$



$$\begin{array}{c} \frac{1}{\exp(x)} \\ 0 \\ \exp(x) \\ -\infty \\ \lim_{x \rightarrow o^+} \ln(x) \\ \ln(x) + \ln(y) \end{array}$$

$$\begin{array}{c} \exp(\ln(x)) \\ \lim_{x \rightarrow o^+} \ln(x) \\ \ln(1) = 0 \\ \ln(e) = 1 \\ (\ln(x))' \\ \ln\left(\frac{x}{y}\right) \end{array}$$

$$\begin{array}{c} p \cdot \ln(x) \\ \frac{1}{x} \\ \lim_{x \rightarrow o^+} \ln(x) \\ \ln(\exp(x)) \\ e \\ \ln(1) \end{array}$$

$$\begin{array}{c} \exp(\ln(x)) \\ \ln\left(\frac{1}{x}\right) \\ \frac{1}{\exp(x)} \\ (\exp(x))' \\ \infty \\ e \end{array}$$

$$\begin{array}{c} \exp(x) \cdot \exp(y) \\ \ln(e) = 1 \\ (\exp(x))' \\ \ln(x) - \ln(y) \\ \frac{1}{\exp(x)} \\ \ln(\exp(x)) \end{array}$$

$$\begin{array}{c} \exp(\ln(x)) \\ \ln(1) \\ \exp(x) \cdot \exp(y) \\ \exp(x) \\ \ln(x^p) \\ \exp(-x) \end{array}$$

$\exp(\ln(x))$  $\ln(x) - \ln(y) \quad p \cdot \ln(x)$  $\exp(1) \quad 0$  $- \ln(x)$