



W I S D O M ^e

WISDOM^e

Wyoming Institute for the Study and
Development of Mathematical Education

2.718281828459045235360287471352662497757247093699959574966967627724076630353547594571382178525166427427466391932003059921817413596629043572900334295260595...

$$e = \sum_{n=0}^{\infty} \frac{1}{n!} = \frac{1}{0!} + \frac{1}{1!} + \frac{1}{2!} + \frac{1}{3!} + \frac{1}{4!} + \dots$$

$$\frac{d}{dx} e^x = e^x$$

$$e^{ix} = \cos x + i \sin x$$

$$e^{i\pi} + 1 = 0$$

$$\int_1^e \frac{1}{t} dt = 1$$

$$e = \lim_{n \rightarrow \infty} \left(1 + \frac{1}{n}\right)^n$$

$$e = \lim_{n \rightarrow \infty} \frac{n}{\sqrt[n]{n!}}$$

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