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MEASURE

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Study or name	Definite Measures	Indefinite Measure
	Calculus	Change
		probability
	Vector	direction
	Scalar	Quantity

Base quantity	Mantrakshar	Hindi	Symbol	Description	SI base unit	Dimension	Comments
Length		लंबाई	l	The one-dimensional extent of an object	metre (m)	L	extensive
Mass		द्रव्यमान	m	A measure of resistance to acceleration	kilogram (kg)	M	extensive, scalar
Time		समय	t	The duration of an event	second (s)	T	scalar
Electric Current		विद्युत धारा	I	Rate of flow of electrical charge per unit time	ampere (A)	I	extensive
Temperature		तापमान	T	Average kinetic energy per degree of freedom of a system	kelvin (K)	Θ	intensive, scalar
Amount of substance		पदार्थ मात्रा	n	The quantity proportional to the number of particles in a sample, with the Avogadro constant as the proportionality constant	mole (mol)	N	extensive, scalar

Base quantity	Mantrakshar	Hindi	Symbol	Description	SI base unit	Dimension	Comments
Luminous intensity		ज्योति तीव्रता	lv	Wavelength-weighted power of emitted light per unit solid angle	candela (cd)	J	scalar

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