Numerical Expressions: A Guide to Pronunciation

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Numerical Expressions

Below are some symbols and expressions used in ordinary measurement, in mathematics, in statistics, and in combination with SI units. (SI = Système International d'Unités, a system of units, e.g., meters, kilograms, seconds, etc., adopted in 1960 by an international committee of scientists.) Expressions in brackets tend to be less formal or technical than the ones given immediately. Sometimes examples are given in parentheses.

Symbols

		X ₄	X3	X ²	~	←	-	8	%	IV	*	٧	A	۸	11	II	#	Ħ	+ -	×	+	1	+
:	you could also say: "ten to the ninth")	x to the power four (e.g., 3×10^9)three times ten to the power of nine;	x cubed	x squared	square root	decreases	increases	infinity	percent	is more than or equal to	is not more than	is more than $(e.g., > 8.0 = more than eight point zero)$	is not less than	is less than (e.g., $< 0.3 =$ less than zero point three)	is equivalent to (is identical with)	is approximately equal to	is not equal to (does not equal)	equals	(is) divided by	(is) multiplied by (times)	plus or minus (approximately)	minus	plus

Numbers

52.1	7,042	4,678	374
fifty-two point one	seven thousand forty-two	four thousand six hundred seventy-eight	three hundred seventy-four

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90.40 mmHg mmol/l l/min m² sq.m H² H°CO ₃	25.2°C 43°F	1900 1905 1987 2000		28.39 0 0.62 0.03 1/8 1/4 1/3 1/2 3/4 13/20 c. 30 1:7 2:55 3:30 4:10 6:45 7:15 8:00
Other Measurements ninety over forty millimeters of mercury millimoles per liter liters per minute square meter(s), meter squared square meter H two H-C-O three	Temperature twenty-five point two degrees Centigrade (Celsius) forty-three degrees Fahrenheit	nineteen hundred nineteen oh five nineteen eighty-seven two thousand	Years	twenty-eight point three nine zero, nought zero point six two zero point zero three an eighth, one-eighth a quarter, one-quarter, a fourth a third, one-third a half, one-half three-quarters thirteen over twenty, thirteen-twentieths about thirty one to seven Time two fifty-five, five to three (five of three) three thirty, half past three, half three four ten, ten past four (ten after four) six forty five, a quarter to seven (a quarter of seven) seven fifteen, a quarter past seven (a quarter after seven [us]) eight o'clock (eight a.m., eight p.m.)