NUMBERS AND SHAPES

HOW TO SAY

WHOLE NUMBERS

335	three hundred and thirty-five / three hundred thirty five (AmE)
1,700	seventeen hundred
1,721	seventeen hundred and twenty-one
1,000	a thousand / one thousand
3,000	three thousand
3,020	three thousand and twenty
3,722	three thousand, seven hundred and twenty-two
1,551,862	one million, five hundred and fifty-one thousand, eight hundred and sixty-two
734407	seven, three, double four, o, seven (telephone number, account number)
0	nought (BrE) / zero (AmE)

COMMON FRACTIONS

$\frac{1}{2}$	a half / one half
$\frac{1}{4}$	a quarter / one quarter
$\frac{1}{3}$	a third / one third
$\frac{1}{8}$	an eighth / one eighth
$\frac{3}{4}$	three-quarters / three fourths
$\frac{2}{3}$	two thirds
$\frac{3}{8}$	three eighths
$\frac{5}{7}$	five sevenths
$\frac{202}{561}$	two hundred and two over five hundred and sixty-one
$1\frac{1}{2}$	one and a half
$3\frac{2}{3}$	three and two thirds

DECIMAL FRACTIONS

0.3	nought point three / point three / zero point three
2.201	two point two nought one / two point two zero one
3.15	three point one five
25.25	twenty five point two five

HOW TO READ

MATHEMATICAL SYMBOLS

x^2	x squared / x to the second power / x to the power of two
x^3	x cubed / x to the third power / x to the power of three
x^n	x to the power (of) n / x to the n
x^{n-1}	x to the power (of) n minus one / x to the n minus one
x^{-n}	x to the power (of) minus n / x to the minus n
$\sqrt{x}$	the square root of x
$\sqrt[3]{x}$	the cube root of x
$\sqrt[5]{x}$	the fifth root of x
$\sqrt[n]{x}$	the nth root of x
$x \neq 1$	x is not equal to 1
$x \approx 10$	x is approximately equal to 10
$x \rightarrow 0$	x tends to nought
$x \rightarrow \infty$	x tends to infinity
$x < 5$	x is less than five
$x > 5$	x is greater than five
$x \leq 10$	x is less than or equal to 10
$x \geq 10$	x is greater than or equal to 10
R_x	R subscript x, R sub x
$16°$	sixteen degrees
$16°C$	sixteen degrees centigrade / Celsius
25%	twenty-five per cent (Water consumption has risen by 10%.)