Read large numbers in groups of hundreds. The order is: billion, million, thousand, hundred. Notice that hundred, thousand, etc. is not followed by ‘s’.

*Two hundr*ed = Yes, correct *two hundreds* = NO, incorrect

Note: Some people say ‘and’ after *hundred*; some do not. Either is correct.

350 Three hundred and fifty (British)

350 Three hundred fifty (American)

Either way is correct.

***Hundreds***

**250** – two hundred (and) fifty **725** – seven hundred (and) twenty five

***Thousands***

***5,550*** – five thousand five hundred (and) fifty

**10,325** – ten thousand three hundred (and) twenty-five

**984,321** – nine hundred eighty four thousand three hundred (and) twenty one

***Millions***

**1,350,000** – one million, three hundred (and) fifty thousand

**755,500,250** – seven hundred (and) fifty-five million, five hundred thousand,

two hundred (and) fifty

**Practice reading the numbers that your teacher writes on the board, and then write a large number for your partner to read.**

**Decimals**

2.75 – two point seven five 25.325 – twenty five point three two five

**Percentages**

25% – twenty five percent 99% – ninety nine percent

**Fractions**

1/8 – one eighth 1/4 – one fourth 1/3 – one third 1/2 – one half

**Plural fractions:** 3/8 – three eighth**s** 2/3 – two third**s** 3/4 – three fourth**s**

**Special names:** 1/4 – one quarter or ‘a quarter’ 1/2 – a half 3/4 – three quarters

**Other Numerical Expressions**

Speed: 100kph – one hundred kilometers per hour

Weight: 50 kg – fifty kilograms or fifty kilos

Phone numbers: (415) 555-1212 (North America); 0881913260 (mobile)

Dates: 15 May 2013 May 15, 2012 ‘the 15th of May 2012’

American dates: 05/15/2012 – May 15th, 2012

British dates: 15/05/2012 – May 15th, 2012

Temperature: 28°C – twenty eight degrees Celsius

 28°F – twenty eight degrees Fahrenheit

Height: 1.85m – one point eight five meters, 185cm – one hundred eighty five centimeters

Price: $10 – ten dollars; 10b – ten ***baht*** (*not bath = what you wash yourself in*)

Time: 5:00 – five or ‘five o’clock’ 8:30 – eight thirty or ‘half past eight’

 5:15 – five fifteen or ‘quarter past five’ 8:45 – eight forty five or ‘quarter to/til nine’

Military (24 hr) Time: 0800 – oh eight hundred (hours) 0815 – oh eight fifteen

 0830 – oh eight thirty 1200 – twelve hundred (hours)

**Basic Math Expressions**

**+** plus 2 + 2 two plus two

**-** minus 2 – 2 two minus two

**±** plus or minus 2 ± 2 two plus or minus two

**X \*** times 2 x 2 two times two

**=** equals / is equal to 2 + 2 = 4 two plus two equals four

**≠** is not equal to / does not equal 2 + 2 ≠ 5 two plus two is not equal to five

**<** is less than 2 < 4 two is less than four

**>** is greater than4 > 2 four is greater than two

**≤** is less than or equal to 2 + 1 ≤ 4 two plus one is less than or equal to four

**≥** is greater than or equal to 2 + 1 ≥ 3 two plus one is greater than or equal to three

**÷ /** divided by 2 ÷ 2, 2 / 2 two divided by two

**|x|** the absolute value of x |-4| the absolute value of negative four

**√x** the square root of x √3 the square root of three

**** the cube root ofthe cube root of eight equals two

**!**  factorial 8! eight factorial

**²** squared 2**²** two squared

**³** cubed / to the power of three 2**³** two cubed

**ˆ** to the power 24 two to the power four / two to the fourth power

**Other Useful Expressions (Algebra, Geometry, & IT)**

**( )** parentheses, brackets

**&** and

@ at

\_ underscore file\_2

**∠** angle

 **°** degree

**⊥** perpendicular

|| parallel

∼ is similar to (tilde)

**∪** union

**∩**  intersection

**∅** null or empty set

**∈** is a member of

**∉** is not a member of

**⊂** is a subset of

**∃** there exists (existential quantifier)

∀ for all (universal quantifier)

**f(x)** function of x / a function whose variable is x

**∴** therefore

**Σ** sum ... ellipsis (and so on)

**∞** infinity

sinX sin of x

cosY cosin of y