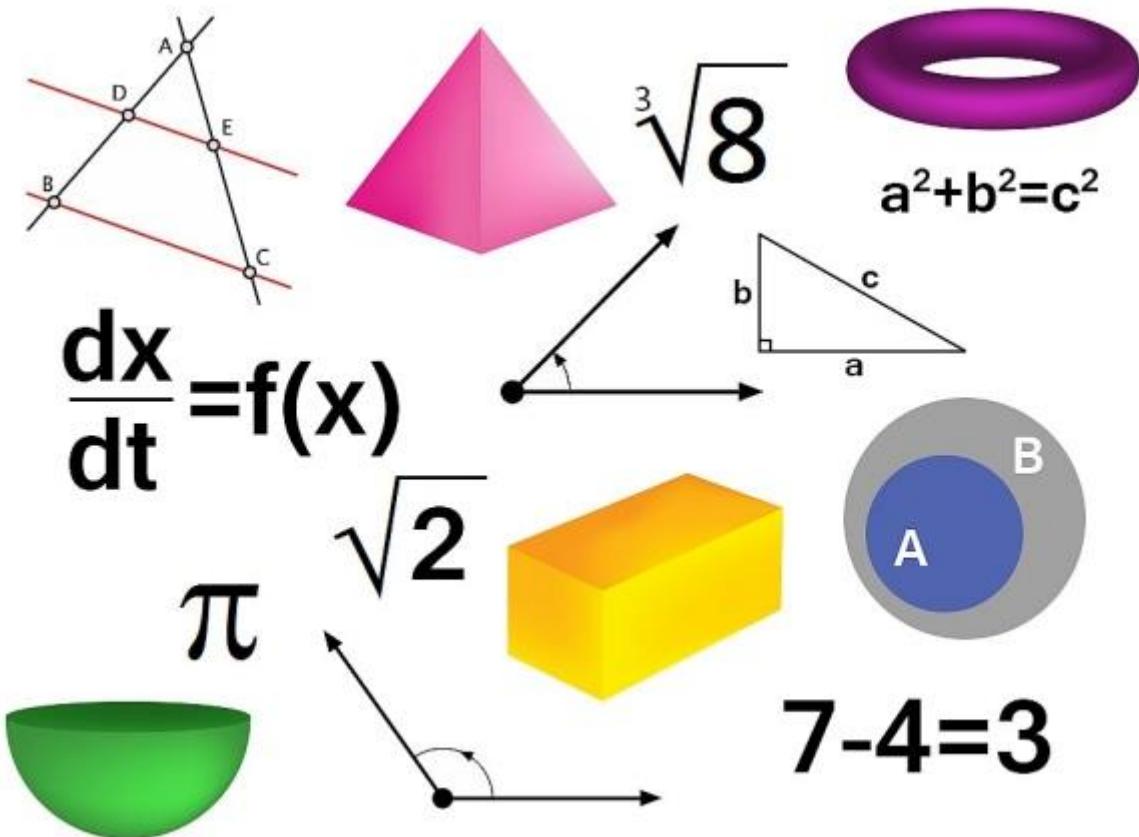


MATHEMATICS + ENGLISH



Mathematics – some of us love it, but a lot of people hate it. The truth is nobody will ‘escape’ from Maths. Mathematics is the queen of different sciences and Galileo once said: ‘Mathematics is an alphabet which was used by God to describe the world’. Whatever we do, we almost constantly need and use Maths. Even without thinking basic mathematical terms, equations and the names of geometrical figures are in common use. Nowadays if you want to continue your education connected with Maths and study abroad, it is absolutely necessary to be familiar with Mathematical terms in English. My aim is to introduce some basic Mathematical terms mostly connected with Arithmetic and Geometry in English.



BASIC MATHEMATICAL TERMS:

SYMBOL	NODE	TRANSLATION	EXAMPLE
=	equal sign	znak równości	$10 = 5 + 5$
+	plus sign / addition sign	znak dodawania	$7 + 5$
-	minus sign	znak odejmowania	$10 - 3$
x	multiplication sign	znak mnożenia	3×3
/	division sign	znak dzielenia	$6 / 3$
≠	not equal sign	znak nierówności	$3 \neq 8$
±	plus-minus sign	znak plus-minus	$4 \pm 6 = 10 \text{ lub } -2$
≈	approximately equal	znak przybliżenia	$11/3 \approx 3.7$
>	strict inequality	znak większości	$3 > 1$
<	strict inequality	znak mniejszości	$2 < 4$
≥	inequality	znak większości lub równości	$7 \geq 6$
≤	inequality	znak mniejszości lub równości	$3 \leq 4$

SYMBOL	NAME	TRANSLATION	EXAMPLE
		równości	
%	percent	procent	25%
‰	per-mile	promil	10‰
a^2	power	potęga	$2^2 = 4$
()	parentheses	nawias okrągły	$2 + (2 \times 3) = 12$
[]	brackets	nawias kwadratowy	$[(1 \times 1) + 3] \times 2 = 8$
π	pi constant	liczba pi	≈ 3.14
\sqrt{a}	square root	pierwiastek kwadratowy	$\sqrt{2} = 2$
$\sqrt[3]{a}$	cube root	pierwiastek sześcienny	$\sqrt[3]{8} = 2$
x	variable	zmienna	$x = 5$
!	factorial	silnia	$6! = 720$
∞	infinity symbol	znak nieskończoności	$\infty + 1 = \infty$

SYMBOL NAME

TRANSLATION

EXAMPLE