Continue

What does pent mean in maths

"Pent" is not, itself, a number. "Pent" is the Latin prefix for things that have five equal sides. A pentagram is a five-sided figure. The Pentagon is a five-sided building. The list below has some of the most common symbols in mathematics. However, these symbols can have other meanings in different contexts other than math.[source?] Symbol Name Read as Meaning Example(s) = Equal is equal to If x=y, x and y represent the same value or thing. 5(2)=10 ≡ Definition is defined as If x≡y, x is defined as another name of y ϕ≡(√5+1)/2≈1.618 ≈ Approximately equal is approximately equal to If x≈y, x and y are almost equal. √2≈1.41 ≠ Inequation does not equal, is not equal to If x≠y, x and y do not represent the same value or thing. 1+1≠3 < Strict inequality is strictly less than If xy, x is greater than y. 3>2 ≪ is much less than If x≪y, x is much less than y. 0.001≪999999999 ≫ is much greater than If x≫y, x is much greater than y. 999999999≫0.001 ≤ Inequality is less than If x≤y, x is less than or equal to y. 5≤6 and 5≤5 ≥ is greater than If x≥y, x is greater than or equal to y. 2≥1 and 2≥2 ∝ Proportionality is proportional to If x∝y, then y=kx for some constant k. If y=4x then y∝x and x∝y + Addition plus x+y is the sum of x and y. 2+3=5 - Subtraction minus x-y is the subtraction of y from x 5-3=2 × or · or * Multiplication times or multiplied by x×y or x·y is the multiplication of x by y 4×5=20 or 4·5=20 ÷ or / or : Division divided by x÷y or x/y is the division of x by y 20÷4=5 or 20/4=5 ± Plus-minus plus or minus x±y means both x+y and x-y 1±2 represents both 3 and -1 ∓ Minus-plus minus or plus 4±(3∓5) means both 4+(3-5) and 4-(3+5) 6∓(1±3)=2 or 4 √ Square root square root √x is a nonnegative number whose square is x. √4=2 ∑ Summation sum over … from … to … of, beta ∑ k = 1 n x k {\displaystyle \sum _{k=1}^{n}{x_{k}}} is the same as x1+x2+x3+...+xn ∑ k = 1 5 (k + 2) = 3 + 4 + 5 + 6 + 7 = 25 {\displaystyle \sum _{k=1}^{5}{(k+2)}=3+4+5+6+7=25} ∏ Product product over … from … to … of ∏ k = 1 n x k {\displaystyle \prod _{k=1}^{n}{x_{k}}} is the same as x1×x2×x3×....×xn ∏ k = 1 5 k {\displaystyle \prod _{k=1}^{5}{k}} =1×2×3×4×5=120 ! Factorial factorial n! is the product 1×2×3...×n 5!=1×2×3×4×5=120 ⇒ Material implication implies A⇒B means that if A is true, B must also be true, but if A is false, B is unknown. x=3⇒x2=9, but x2=9⇒x=3 is false, because x could also be -3. ⇔ Material equivalence if and only if If A is true, B is true and if A is false, B is false. x=y+1⇔x-1=y |…| Absolute value absolute value of |x| is the distance along the real line (or across the complex plane) between x and zero. |x|=x and |-x|=x || Parallel is parallel to If A||B then line A will never touch line B, thus both lines are rotated in the same angle. x||(x+1) ⊥ Perpendicular is perpendicular to If A⊥B then line A is touching line B in a 90 degrees angle. x⊥y ≅ Congruence is congruent to If A≅B then shape A and B same shape and size, or A has the same shape and size as the mirror image of B. If two triangles, △ABC and △DEF, are congruent, it can be denoted as △ABC≅△DEF φ Golden ratio golden ratio The golden ratio is an irrational number equal to (1+√5)÷2 or approximately 1.6180339887. φ ≈ 1.6180339887 ∞ Infinity infinity ∞ is a symbol used to represent unending amounts. ∞ + x = ∞ ∈ Set membership is an element of a∈S means that a is an element of the set S 3.5∈ℝ, 1∈ℕ, 1+i∈ℂ ∉ is not an element of a∉S means that a is not an element of the set S 2.1∉ℕ, 1+i∉ℝ {,} Set brackets the set of {a,b,c} is the set consisting of a, b, and c S = { a, b, c } ℕ Natural numbers N ℕ denotes the set of natural numbers 1∈ℕ, 2∈ℕ, 100∈ℕ ℤ Integers Z ℤ denotes the set of integers -1∈ℤ, 0∈ℤ, 30∈ℤ ℚ Rational numbers Q ℚ denotes the set of rational numbers 8.323∈ℚ, 7∈ℚ, π∉ℚ ℝ Real numbers R ℝ denotes the set of real numbers π∈ℝ, 7∈ℝ, √(-1)∉ℝ ℂ Complex numbers C ℂ denotes the set of complex numbers √(-1)∈ℂ x̄ Mean bar, overbar x̄ is the mean (average) of xi if x={1,2,3} then x̄=2 x̄ Complex conjugate the complex conjugate of x If x=a ± bi, then x̄=a ∓ bi where i=√(-1) x=-4 + 5.3i, x̄=-4 - 5.3i [+|-] Situational plus minus Either plus or minus depending on the situation. If y=[+|-]x then x is either positive or negative depending on the situation. y=[+|-]x y equals either +x or -x depending on the scenario. π Irrational numbers pi Mathematical constant Mathematical Symbols — Math Vault Math Symbols List — Retrieved from " In botany, the stem is the main structural axis of a plant, typically above ground, that supports leaves, flowers, and fruits. It also serves as a pathway for transporting water and nutrients throughout the plant. "Pent" is not, itself, a number. "Pent" is the Latin prefix for things that have five equal sides. A pentagram is a five-sided figure. The Pentagon is a five-sided building. Below, find a comprehensive list of most prefixes used in math. We strongly encourage teachers to teach the list below. It will solve a lot of problemsassociated with math literacy. Uni, mono, or solo: one Bi or duo: two Tri: three Tetra, quad: Four Penta, quint, or quin: Five Sex, hex, hexa: six Hepta, sept, or hept: seven Octa, octo, or oct: eight Nona, non, nov, or ennea: Nine Deca or dec: Ten Dodeca: twelve Icosa, or vigint: twenty Triaconta, or trigint: thirty Tetraconta, or quadragint: fourty Pentaconta or quinquagint: fifty Hexaconta or hexagint: sixty Heptaconta or septuagint: seventy Octaconta or octogint: eighty Enneaconta or nonagint: ninety Cent or hect : one hundred Mille or kilo: one thousand Myria : ten thousand Mega: Million Hectokilo: one hundred thousand Giga: Billion Tera: trillion Peta: quadrillion Exa: quintillion Zetta: sextillion Yotta: heptillion Deci: tenth centi: hundredth Milli: thousandth Micro: Millionth Nano: Billionth Pico: trillionth Fento: quadrillionth Atto: quintillionth Zepto: sextillionth Yocto: heptillionth Basic mathematical symbols Communitive means of, or belonging to, a community. It has no meaning in math. Communative does not mean anything - in math or elsewhere. "Pent" is not, itself, a number. "Pent" is the Latin prefix for things that have five equal sides. A pentagram is a five-sided figure. The Pentagon is a five-sided building.