

# ESCHLE'S ESOTERIC ☺ ACRONYMS & APHORISMS ☺

**AC**..... accuracy needs improving  
**ADS**..... avoid double signs; e.g.:  $3 \times -2$  should be  $3 \times (-2)$   
**ADP**..... align the decimal point when adding decimal numbers  
**AE**..... (is) approximately equal  
**AM**..... amplitude is incorrect  
**AO**..... terms should be in alphabetical order  
**AOQ**..... answer the original question  
**AV**..... authority is wrong or missing  
**AV**..... absolute value (is needed or is wrongly used)  
**BL**..... broken line is needed  
**BNN**..... brackets are not needed in this situation  
**BR**..... brackets are incorrect or missing  
**BS**..... both sides  
**CBF**..... can't be factored  
**CBS**..... can't be simplified  
**CD**..... common denominator is needed or is incorrect  
**CDO**..... can't divide out here  
**CF(s)**..... common factor(s) should be extracted  
**CFF**..... extract common factors first  
**CFL**..... check for common factors last as well as first  
**CN**..... conclusion is missing or incorrect  
**COO**..... coordinates (missing or incorrect)  
**CTR**..... centre (give location or wrong location)  
**CTS**..... complete the square  
**CY**..... clarify (your explanation is not sufficient or clear)  
**DEG**..... angle is or should be expressed in **degrees**  
**DGM**..... diagram (is needed or needs improvement)  
**DIM**..... missing or wrong dimensions on a diagram  
**DIR**..... direction (wrong or not shown)  
**DNE**..... does not exist  
**DNF**..... (conclusion) does not follow (from the evidence)  
**DP**..... decimal places or decimal point (missing or wrong location)  
**DS**..... (factor using) difference of squares  
**DVO**..... divide out (factors in the numerator and denominator)  
**EA**..... exact answer is required (do not round off)  
**EDF**..... expand – don't factor!  
**EE**..... erase errors (marks may have been deducted)  
**EF**..... eliminate fractions (before proceeding with solution)  
**EHS**..... (write) exponents higher and smaller  
**ET**..... extend (the line is too short)  
**EX**..... explain your work  
**FA**..... factor (this expression should be factored)  
**FBG**..... factor by grouping  
**FC**..... (factor using) difference or sum of cubes  
**FDE**..... factor, don't expand (they're opposites!)  
**FN**..... put your full name on tests and assignments  
**FT**..... factor the trinomial  
**GCF**..... greatest common factor (is needed)  
**HD**..... hollow dot should be used  
**HS**..... horizontal shift is incorrect  
**HY**..... is (or should be) the hypotenuse of the triangle  
**HZ**..... is (or should be) horizontal  
**IR**..... incorrect rearrangement  
**IS**..... incorrect substitution  
**JU**..... justify your answer with a reason or explanation  
**LA**..... label (missing or incorrect labeling)  
**LCD**..... lowest common denominator should be found and used  
**LE**..... a legend is needed for the graph  
**LN**..... length (is incorrect)  
**LO**..... location is incorrect  
**LT**..... (reduce answer to) lowest terms  
**MB**..... missing base  
**MC(s)**..... missing case(s) → solution has multiple cases  
**MD(s)**..... missing denominator(s)  
**ME**..... missing exponent or missing evidence (for proofs)  
**MF(s)**..... missing factor(s) (part of the term is missing)  
**MI**..... missing index on radical sign →  $\sqrt[3]{\quad}$   
**ML**..... meaningless  
**MN**..... missing negative sign  
**MO**..... missing operator ( + , - , × , or ÷ sign)  
**MP(s)**..... missing part(s) or missing point(s)  
**MS(s)**..... missing step(s)  
**MT(s)**..... missing term(s)  
**NBA**..... not best answer  
**NBM**..... not best method (marks may be deducted)  
**NC**..... not complete (the solution or step is not finished)  
**NEG**..... (should be) negative  
**NHY**..... (this side is) not the hypotenuse of the triangle  
**NK**..... not known, not given, you cannot assume this to be true  
**NN**..... not necessary  
**NP**..... not possible

**NPR**..... not proven  
**NR**..... not reasonable (answer does not make sense)  
**NT**..... (marks have been deducted for lack of) neatness  
**NU**..... not used (you have included unnecessary material)  
**NV**..... not valid (idea, method, etc.)  
**ORD**..... order is incorrect  
**ORG**..... organization of solution is not clear or not correct  
**ORI**..... orientation (object needs to be rotated)  
**ORO**..... order of operations is incorrect – use **BEDMAS!**  
**ORS**..... order of steps is incorrect or not clear (use arrow to show!)  
**ORT**..... order of terms is incorrect  
**PE**..... the period of the repeating decimal number is incorrect  
**PF**..... poor mathematical form  
**PLL**..... is parallel or should be parallel  
**POS**..... (answer or term) should be positive  
**PS**..... (is or should be a) perfect square  
**PT**..... Pythagorean Theorem  
**QD**..... quadrant  
**QF**..... quadratic formula (not used or used incorrectly)  
**RA**..... (is or should be a) right angle  
**RAD**..... angle is or should be expressed in **radians**  
**RAR**..... rearrange this expression  
**RAT**..... (is or should be a) right angle triangle  
**RD**..... rationalize the denominator  
**RE**..... reciprocal (switch the numerator and denominator)  
**REF**..... give a reference back to the relevant evidence  
**RES**..... restrictions (wrong or missing)  
**RI**..... read the instructions!! (amazing things will happen!)  
**RO**..... rounding (is incorrect or has not been done)  
**RS**..... reverse signs (signs should be switched: + to – and – to +)  
**RTP**..... required to prove  
**RW**..... do NOT include rough work in your solution  
**SB**..... should be...  
**SBS**..... square both sides  
**SC**..... scale (is missing or not properly done)  
**SD**..... significant digits (wrong number) or solid dot should be used  
**SE**..... straight edge (a ruler must be used to draw straight lines)  
**SH**..... shading is missing or in the wrong place  
**SL**..... slope is incorrect  
**SLR**..... separate the LS and RS when checking or proving an equation  
**SM**..... symmetry (graph should be symmetric)  
**SP**..... spelling is incorrect  
**SS**..... show substitution (as a separate step)  
**SUB**..... (should be a) subscript  
**SW**..... show your work  
**SY**..... simplify (answer is not yet fully simplified)  
**SZ**..... size (too large, too small or not clearly indicated)  
**TD**..... too difficult → find an easier method  
**TE**..... too easy → due to error, solution is now too easily finished – not all potential marks were earned  
**THS**..... too high & small! – looks like an exponent (but isn't)  
**TI**..... your work (or graph) needs an appropriate title  
**TMS**..... too many steps – shorten your solution here  
**UBL**..... unbroken line (should not be a broken line)  
**UBT**..... use basic trig ratios (sine & cosine laws are not needed)  
**UFF**..... use fraction form (NOT mixed numbers or decimals)  
**UGA**..... use Greek letters for angle names  
**ULC**..... use lower case letters for variables  
**UN**..... units of measurement (missing or incorrect)  
**UP**..... use pencil for all work—especially diagrams & graphs  
**USF**..... use full sentence form (in conclusions, explanations, etc.)  
**USS**..... use single signs; e.g.:  $2 - (-3)$  should be written as  $2 + 3$   
**UUC**..... use upper case letters (points, matrices,...)  
**VF**..... vertical fractions are best (e.g.: don't use  $\frac{3}{4}$  but use  $\frac{3}{4}$ )  
**VS**..... vertical shift is incorrect  
**VT**..... is (or should be) vertical  
**WA**..... wrong answer or wrong angle  
**WB**..... wrong base (in a power)  
**WD**..... wrong diagram or wrong denominator  
**WE**..... wrong exponent  
**WEV**..... wrong evidence (does not match conclusion)  
**WF**..... wrong formula (is being used)  
**WM**..... wrong method (is being used)  
**WO**..... wrong operation (is being used)  
**WP(s)**..... wrong point(s)  
**WQ**..... wrong quadrant  
**WR**..... wrong reason given  
**WS**..... wrong shape or wrong step  
**WV**..... wrong value