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MATHEMATICS 11+ REVISION AID (3)

USEFUL DEFINITIONS (1)

Acute Angle	An angle less than 90°
Anti-clockwise	Opposite direction to hands of clock
Arc	Part of circumference of circle
Area	Space inside a plane figure measured in square units
Rectangle	Base x Height
Triangle	$\frac{1}{2} \times \text{Base} \times \text{Height}$
Parallelogram	Base x Height
Average	(=MEAN) sum of quantities/ number of quantities
Speed	Total Distance/ Total Time
Axis	(Plural AXES)
x	horizontal axis
y	vertical axis
of Symmetry	A folding line which makes one line fit exactly onto other half
Circumference	All the way round a circle, also known as perimeter of circle
Clockwise	Same direction as hands of a clock
Complimentary Angles	Two or more angles which add up to 90°
Concentric Circles	Atleast two circles with the same centre
Coordinates	Map reference with x first (horizontal) then y (vertical)
Cube	A six sided solid with each face a square
Cuboid	A six sided solid with each face a rectangle
Cylinder	A circular prism
Decimal Places	Number of digits after the decimal point
Denominator	Bottom number of a fraction
Equilateral Triangle	A triangle with all sides equal in length and all angles 60°
Face	The flat part on the outside of a solid object
Factor	A number that exactly divides into another number
Highest Common Factor	Highest number that exactly divides into atleast two others
Heptagon	A plane figure with 7 sides
Hexagon	A plane figure with 6 sides
Horizontal	Parallel to the horizon
Hypotenuse	Longest side of a right-angled triangle
Improper Fraction	Fraction where the top number is greater than bottom number
Integer	Whole number
Intersection	A point where two or more lines meet
Isosceles Triangle	Triangle with two sides of equal length and two equal angles