|  |  |  |  |  |  |  |
| --- | --- | --- | --- | --- | --- | --- |
| C:\Users\rsprawling\AppData\Local\Microsoft\Windows\INetCache\Content.MSO\1319D559.tmp | Year 1 | Year 2 | Year 3 | Year 4 | Year 5 | Year 6 |
| Number and Place Value | backwardsdigitevenexchangefewerfirst…second…forwardshalf-way betweenleast mostnumber linenumber squarenumber tracknumbers to 100oddonesplaceplace valuerepeating patternsrepresentsroughly‘teens’ numberstensvalue | < and >Inequality consecutivecontinueexactexactlyhundredsnearestnumeralone digit numberpartitionplaceplace valuepredictrepresentsroundrulesequencethree digit numberstwo digit number value | approximateapproximatelyestimatenear doubleone hundred lessone hundred moreplace holderrelationshipround downround upzero - thousand | above zero below zero classifyconsecutive hundred thousand integerminus negative integer negative number nextnumeral one thousand less one thousand more positive integer positive number Roman numerals to 100 (I to C) round to the nearest 10 round to the nearest 100 round to the nearest 1000 sort ten thousand thousands | ≈ is approximately equal to approximation ascending order composite number cubecubed number descending order greater than or equal to ≥ less than or equal to ≤millionone squared, two squared etcprime number Roman numerals to 1000 (M)round to the nearest 10000 round to the nearest 100000 square/d number term-to-term rule to the power of… | factorise numbers to ten million+ recurring |
| C:\Users\rsprawling\AppData\Local\Microsoft\Windows\INetCache\Content.MSO\1319D559.tmpAddition and subtraction | Year 1 | Year 2 | Year 3 | Year 4 | Year 5 | Year 6 |
| totalsumdifference-+ = add difference between equal to how much/less is…? less than minus more than number bond number fact number sentence operation plusput together sign subtract take away total | addition calculate calculationcorrectdifference inverse one hundred less one hundred more subtraction sum symbol tens boundary | column(ar) addition column(ar) subtraction equationexchange hundreds boundary inverse operation | decrease increase | tenths boundaryones boundary | Order of operations -BODMAS |
| Multiplication and Division C:\Users\rsprawling\AppData\Local\Microsoft\Windows\INetCache\Content.MSO\1319D559.tmp | Year 1 | Year 2 | Year 3 | Year 4 | Year 5 | Year 6 |
| array count on (2s, 5s, 10s) equal to group grouping multiple share sharingequal groupsgroups in | lots of groups of x timesmultiply multiplied by multiplication multiple of product twice as big asas long as as wide as repeated addition row column share equally ÷ divide divided by divided into division inverse | inverse operation remainderscaling | divisible by factor factor pairprime number | common factor divisibilitydivisor factorise prime factorcolumn multiplicationshort division  | Brackets common multiple long division long multiplication order of operations – BODMASrecurring decimal |
| Fractions. Decimals and percentagesC:\Users\rsprawling\AppData\Local\Microsoft\Windows\INetCache\Content.MSO\1319D559.tmp | Year 1 | Year 2 | Year 3 | Year 4 | Year 5 | Year 6 |
| fraction half halve quarter wholeequal parts | wholepartsfour quarters fraction one halfone quarter one third one whole part three quarters two halves two quartersequivalentunit fractionsnon-unit fractions  | denominator numerator one tenth tenths three thirds two thirds | decimal decimal fraction decimal place decimal point eighth fifth for every hundredth in every proportion simplify sixth twentiethequivalent |  common fraction improper fraction mixed fraction mixed number ninthper cent % percentage proper fraction reduced to thousandth twelfth improper fractioncommon denominatorcommon numerator | rational number cancel |
| MeasurementC:\Users\rsprawling\AppData\Local\Microsoft\Windows\INetCache\Content.MSO\1319D559.tmp | Year 1 | Year 2 | Year 3 | Year 4 | Year 5 | Year 6 |
| capacity container fast faster fastestheightlength linemassmetre metre stick roughly ruler volume weighing scale weight width always autumn half pasthow long ago…?how long will it be to…?how long will it take to…? how often…? midnight month never once sometimes spring summer twice usually weekend winter year names of coins | about capacityCentigrade °C centimetre (cm) contains further furthest gram (g) half-kilogramhalf-litre kilogram (kg) litre (l) m to represent metre mass measuring scale millilitre (ml) tape measure temperature thermometer volume weight analogue clock digital clock fortnight January to December minute quarter past quarter to second £ and p bought change note (and the names of notes) sold | approximately distance apart distance between distance from distance to kilometre (km) milemillimetre (mm) perimeter amount least expensiveless expensive more expensive most expensive value worth Roman numerals I to XII 12-hour clock 24-hour clock am calendar century date earliest latest leap year noon pm | Area BreadthWidth convert measurement measuring cylinder metric unit pint square centimetre (cm²) square metre (m²) standard unit date of birth millennium | gallon imperial unit inch pint pound (lb) square millimetre (mm²) volume in cm³ arrive depart currency discount | centilitre (cl) cubic kilometre km³ cubic metre m³ cubic millimetre mm³ feet foot miles per hour ounce (oz) tonne yard loss profit |
| Properties of shapeC:\Users\rsprawling\AppData\Local\Microsoft\Windows\INetCache\Content.MSO\1319D559.tmp | Year 1 | Year 2 | Year 3 | Year 4 | Year 5 | Year 6 |
| cuboid cylinder point pointed set sort2d3dsquarerectangleoblongtrianglecircle | 2D 3Dcircular edge hexagon horizontal kite line of symmetry mirror line oblongrectangle octagon pentagon polygon prism property quadrilateral rectangular reflection surface triangular vertex verticalvertices | acute angle angle greater angle than… hemisphere hexagonal irregular non-symmetrical obtuse angle octagonal parallel pentagonal perpendicular polyhedron regular right angle right-angled triangle semi-circle smaller angle than… | base closed construct cylindrical equilateral triangle heptagon isosceles triangle line symmetry open parallelogram polygon polyhedron reflect rhombus scalene triangle sketch spherical square-based tetrahedron trapezium | angle(s) at a point angle(s) on a straight line axis of symmetry congruent degrees diagonal octahedron reflective symmetry reflex angle | arc circumference concentric cross-section diameter dodecahedron geometric icosahedron intersecting intersection kite net plane radius tangram vertically opposite angles |
| Position and directionC:\Users\rsprawling\AppData\Local\Microsoft\Windows\INetCache\Content.MSO\1319D559.tmp | Year 1 | Year 2 | Year 3 | Year 4 | Year 5 | Year 6 |
| anti-clockwise centre clockwise direction half turnjourneyposition quarter turn three-quarter turn turn underneath whole turn | compass pointeast higher lower map north NSEW plan route south straight line west |  | angle measurer compasses coordinates degree first quadrant NE, NW, SE, SW north-east north-west origin plot rotate set square south-east south-west translation | protractor rotation symmetry | four quadrants |
| Statistics |  | block diagram categorycolumn diagram label least common least popular most common most popular pictogram represent row scale table tally tally chart title | axes axisbar chartCarroll diagram chartcolumn data frequency table gridinterval row Venn diagram | interpret questionnaire survey time graphx-axisy-axis | bar line chartdatabase line graph maximum minimum outcome timetable value x-axis y-axis | average distribution mean pie chart rate sample statistics |
| AlgebraC:\Users\rsprawling\AppData\Local\Microsoft\Windows\INetCache\Content.MSO\1319D559.tmp | Year 1 | Year 2 | Year 3 | Year 4 | Year 5 | Year 6 |
|  |  |  |  |  | algebra algebraicequation equivalent expression evaluate expression formula formulae symbol unknown variable |
| Ratio and Proportion | Year 1 | Year 2 | Year 3 | Year 4 | Year 5 | Year 6 |
|  |  |  |  |  | comparison proportion quantities ratio scale scale factor |