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| --- | --- | --- |
| **Domain** | **Vocabulary** | **Task** |
| **Number and place value** | units, ones, tens, hundreds, thousands, ten thousand, hundred thousand, million, digit, one-, two-, three- or four-digit numbernumeral, ‘teens’ number, place, place value, stands for, representsexchange, the same number as, as many as, equal toOf **two** objects/amounts:>, greater than, more than, larger than, bigger than<, less than, fewer than, smaller thanOf **three** or more objects/amounts:greatest, most, largest, biggestleast, fewest, smallestone… ten… one hundred… one thousand more/less. compare, order, size, first… tenth… twentieth, last, last but one, before, afternext, between, half-way between, guess how many, estimatenearly, roughly, close to, about the same as, approximate, approximately, just over, just under, exact, exactly, too many, too few, enough, not enough, round (up or down), nearest, round to the nearest ten, round to the nearest hundred, integer, positive, negative, above/below zero, minus | NRICH: [Some Games That May Be Nice or Nasty](http://nrich.maths.org/6605) \*NRICH: [The Deca Tree](http://nrich.maths.org/public/viewer.php?obj_id=2006) \* |
| **Addition and subtraction** | add, addition, more, plus, increase, sum, total, altogether, score, double, near double, half, halvehow many more to make…?subtract, subtraction, take (away), minus, decrease, leave, how many are left/left over?difference betweenhow many more/fewer is… than…?how much more/less is…?equals, sign, is the same as, tens boundary, hundreds boundary, inverse | NRICH: How Do You See it? NRICH: Swimming PoolNRICH: First Connect Three NRICH: Sea Level NRICH: A Bit of a Dicey Problem NRICH:[The Puzzling Sweet Shop](http://nrich.maths.org/public/viewer.php?obj_id=223) \*\*NRICH: [Money Bags](http://nrich.maths.org/public/viewer.php?obj_id=1116) \*\*NRICH: [Amy’s Dominoes](http://nrich.maths.org/public/viewer.php?obj_id=1044) \*\*NRICH: [Escape from the Castle](http://nrich.maths.org/7501) \*\*NRICH: [Fifteen Cards](http://nrich.maths.org/7506) \*NRICH: [Sealed Solution](http://nrich.maths.org/public/viewer.php?obj_id=1177) \*\*NRICH: [Roll These Dice](http://nrich.maths.org/53) \*\* |
| **Multiplication and division** | lots of, groups of, times, multiply, multiplication, multiplied bymultiple of, productonce, twice, three times… ten times…times as (big, long, wide… and so on)repeated additionarray, row, columndouble, halveshare, share equally, one each, two each, three each…group in pairs, threes… tensequal groups of, divide, division, divided by, divided into, remainderfactor, quotient, divisible by, inverse | NRICH: Shape Times Shape NRICH: Table Patterns Go Wild! NRICH: Let’s Divide Up! NRICH: That Number Square! NRICH: Carrying Cards NRICH: Light the Lights Again NRICH: Multiples Grid NRICH: Zios and Zepts NRICH: Trebling NRICH: All the Digits  |
| **Fractions** | part, equal parts,fraction, one wholehalf, quarter, eighth,third, sixth, fifth, tenth, twentiethproportion, in every, for everydecimal, decimal fraction, decimal point, decimal place | NRICH: Fractional Triangles NRICH: Bryony’s Triangle NRICH: Fair Feast NRICH: [Fractions in a Box](http://nrich.maths.org/public/viewer.php?obj_id=1103) \*\*NRICH: [Chocolate](http://nrich.maths.org/public/viewer.php?obj_id=34) \*\* |
| **Geometry** | shape, pattern, flat, line, curved, straight, round, hollow, solid, corner, point, pointed face, side, edge, end, sort, make, build, construct, draw, sketchcentre, radius, diameter, net, surface, angle, right-angled, base, square-based, vertex, vertices, layer, diagram, regular, irregular, concave, convex, open, closed, 3D, three-dimensional, cube, cuboid, pyramid, sphere, hemi-sphere, spherical, cone, cylinder, cylindrical prism, tetrahedron, polyhedron, 2D, two-dimensional, circle, circular, semi-circle, triangle, triangular, equilateral triangle, isosceles triangle, square, rectangle, rectangular, oblong, pentagon, pentagonal, hexagon, hexagonal, heptagon, octagon, octagonal, polygon, quadrilateral, size, bigger, larger, smaller, symmetricalline of symmetry, line symmetry, fold, match, mirror line, reflection, reflect, pattern, repeating pattern, translation, opposite, apart, between, middle, edge, centre, corner, direction, journey, route, map, plan, left, right, up, down, higher, lower, forwards, backwards, sideways, across, close, far, near, along, through, to, from, towards, away from, ascend, descend, grid, row, column, origin, coordinates, clockwise, anti-clockwise, compass point, north, south, east, west (N, S, E, W), north-east, north-west, south-east, south-west, (NE, NW, SE, SW), horizontal, vertical, diagonal, movement, slide, roll, whole turn, half turn, quarter turn, rotate, angle, …is a greater/smaller angle than, right angle, degree, straight line, stretch, bend, ruler, set square, angle measurer, compasses. | NRICH: Square It \*NRICH: Stringy Quads NRICH: National Flags \*NRICH: Symmetry challenge NRICH: Triangles all around NRICH: Coordinate challenge NRICH: A Cartesian puzzle NRICH: [Nine-pin Triangles](http://nrich.maths.org/public/viewer.php?obj_id=2852) \*\*\*NRICH: [Cut it Out](http://nrich.maths.org/public/viewer.php?obj_id=720) \*\*\* |