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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 number  numeral, ‘teens’ number, place, place value, stands for, represents  exchange, the same number as, as many as, equal to  Of **two** objects/amounts:  >, greater than, more than, larger than, bigger than  <, less than, fewer than, smaller than  Of **three** or more objects/amounts:  greatest, most, largest, biggest  least, fewest, smallest  one… ten… one hundred… one thousand more/less. compare, order, size, first… tenth… twentieth, last, last but one, before, after  next, between, half-way between, guess how many, estimate  nearly, 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, halve  how many more to make…?  subtract, subtraction, take (away), minus, decrease, leave, how many are left/left over?  difference between  how 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 Pool  NRICH: 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 by  multiple of, product  once, twice, three times… ten times…  times as (big, long, wide… and so on)  repeated addition  array, row, column  double, halve  share, share equally, one each, two each, three each…  group in pairs, threes… tens  equal groups of, divide, division, divided by, divided into, remainder  factor, 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 whole  half, quarter, eighth,third, sixth, fifth, tenth, twentieth  proportion, in every, for every  decimal, 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, sketch  centre, 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, symmetrical  line 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) \*\*\* |