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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  , greater than or equal to, less than or equal to  Of **three** or more objects/amounts:  greatest, most, largest, biggest, least, fewest, smallest  one… ten… one hundred… one thousand more/less  compare, order, size, ascending/descending order, 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  , is approximately equal to,just over, just under, exact, exactly, too many, too few, enough, not enough, round (up or down), nearest, round to the nearest ten/hundred, round to the nearest thousand, integer, positive, negative  above/below zero, minus | **NRICH:** [**Tug Harder!**](http://nrich.maths.org/public/viewer.php?obj_id=5898) **\*** |
| **Addition and subtraction** | add, addition, more, plus, increase, sum, total, altogether, score, double, near double, how many more to make…? subtract, subtraction, take (away), minus, decrease, leave, how many are left/left over?, difference between  half, halve  how many more/fewer is… than…?, how much more/less is…?  equals, sign, is the same as  tens boundary, hundreds boundary, units boundary, tenths boundary, inverse | **NRICH:** [**Twenty Divided Into Six**](http://nrich.maths.org/public/viewer.php?obj_id=1047) **\*\***  **NRICH:** [**Reach 100**](http://nrich.maths.org/public/viewer.php?obj_id=1130) **\*\*\***  **NRICH:** [**Two and Two**](http://nrich.maths.org/public/viewer.php?obj_id=781) **\*\*\***  **NRICH:** [**Journeys in Numberland**](http://nrich.maths.org/7285) **\*** |
| **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 | **NRICH:** [**Sweets in a Box**](http://nrich.maths.org/public/viewer.php?obj_id=84) **\***  **NRICH:** [**Which Is Quicker?**](http://nrich.maths.org/1817) **\***  **NRICH:** [**Multiplication Squares**](http://nrich.maths.org/public/viewer.php?obj_id=1134) **\***  **NRICH:** [**Flashing Lights**](http://nrich.maths.org/public/viewer.php?obj_id=1014) **\***  **NRICH:** [**Abundant Numbers**](http://nrich.maths.org/1011) **\***  **NRICH:** [**Factor Track**](http://nrich.maths.org/7468) **\*\***  **NRICH:** [**Factors and Multiples Game**](http://nrich.maths.org/public/viewer.php?obj_id=5468)  **NRICH:** [**Two Primes Make One Square**](http://nrich.maths.org/public/viewer.php?obj_id=1150) **\*\***  **NRICH:** [**Up and Down Staircases**](http://nrich.maths.org/public/viewer.php?obj_id=2283) **\***  **NRICH:** [**Cycling Squares**](http://nrich.maths.org/public/viewer.php?obj_id=1151) **\*\***  **NRICH:** [**One Wasn’t Square**](http://nrich.maths.org/public/viewer.php?obj_id=1119) **\*\***  **NRICH:** [**Curious Number**](http://nrich.maths.org/7218) **\*\*\***  **NRICH:** [**Make 100**](http://nrich.maths.org/public/viewer.php?obj_id=1013) **\*\*** |
| **Fractions** | part, equal parts, fraction, proper/improper fraction, mixed number, numerator, denominator, equivalent, reduced to, cancel, one whole, half, quarter, eighth, third,, sixth, ninth, twelfth, fifth, tenth, twentieth, hundredth, proportion, ratio, in every, for every, to every, as many as, decimal, decimal fraction,decimal point, decimal place, percentage, per cent, %, 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:** [**Route Product**](http://nrich.maths.org/public/viewer.php?obj_id=5632) **\*\***  **NRICH:** [**Forgot the Numbers**](http://nrich.maths.org/public/viewer.php?obj_id=1015) **\*\*** |
| **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, congruent, base, square-based, vertex, vertices, layer, diagram, regular, irregular, concave, convex, open, closed, **3D SHAPES**, 3D, three-dimensional, cube, cuboid, pyramid, sphere, hemi-sphere, spherical, cone, cylinder, cylindrical, prism, tetrahedron, polyhedron, octahedron  **2D SHAPES,** 2D, two-dimensional**,** circle, circular, semi-circle**,** triangle, triangular  equilateral triangle, isosceles triangle, scalene triangle, square, rectangle, rectangular, oblong, pentagon, pentagonal, hexagon, hexagonal, heptagon, octagon, octagonal  polygon,quadrilateral | **NRICH:** [**The Numbers Give the Design**](http://nrich.maths.org/6919) **\***  **NRICH:** [**Six Places to Visit**](http://nrich.maths.org/public/viewer.php?obj_id=5655) **\***  **NRICH:** [**How Safe Are You?**](http://nrich.maths.org/public/viewer.php?obj_id=5647) **\***  **NRICH:** [**Olympic Turns**](http://nrich.maths.org/8191) **\*\*\***  **NRICH:** [**Egyptian Rope**](http://nrich.maths.org/public/viewer.php?obj_id=982) **\*\***  **NRICH:** [**Transformations on a Pegboard**](http://nrich.maths.org/public/viewer.php?obj_id=1813) **\***  **NRICH:** [**Square Corners**](http://nrich.maths.org/public/viewer.php?obj_id=1142) **\*\***  **NRICH:** [**More Transformations on a Pegboard**](http://nrich.maths.org/public/viewer.php?obj_id=4901) **\*\*** |