## Mathematics Department

| 1 | Simple addition \& its meaning | 81 | Percentages as pictures |
| :---: | :---: | :---: | :---: |
| 2 | Simple subtraction \& its meaning | 84 | Find percentages of amounts 1 (common \% non-calc) |
| 3 | Related addition \& subtraction facts | 99 | Square numbers |
| 4 | Simple multiplication \& its meaning | 100 | Cube numbers |
| 5 | Simple division \& its meaning | 101 | Square \& cube roots |
| 6 | Related multiplication \& division facts | 140 | Use of commutative \& associative laws |
| 7 | Commutative law | 141 | Subtraction by counting on |
| 8 | Associative law | 142 | Subtraction using negatives |
| 9 | Addition facts | 143 | Lattice method for multiplication |
| 10 | Multiplication facts (times tables) | 144 | Short multiplication |
| 11 | Division facts | 145 | Long division |
| 12 | Distributive law of multiplication | 146 | Division using steps |
| 13 | Read \& write positive integers | 147 | Mental maths help 1 (splitting numbers) |
| 14 | Compare positive integers | 148 | Mental maths help 2 (doubling \& halving) |
| 15 | Multiply by powers of 10 | 743 | Money (1) |
| 16 | Divide by powers of 10 | 744 | Money (2) |
| 17 | Round numbers to the nearest 10, 100, 1000 | 745 | Money (3) |
| 18 | Addition | 746 | Money (4) |
| 19 | Subtraction | 747 | Money (5) |
| 20 | Addition \& subtraction (worded problems) | 748 | Money (6) |
| 21 | Long multiplication | 755 | Income and rates of pay (1) |
| 22 | Short division | 328 | Compare quantities using ratios |
| 23 | Multiplication \& division (worded problems) | 329 | Simplify ratios |
| 24 | Order of operations 1 (positive integers) | 330 | Write ratios as fractions/proportions |
| 25 | Odd \& even numbers | 199 | Cartesian axes \& coordinates |
| 26 | Divisibility tests | 433 | Types of angles |
| 27 | Factors of a number | 456 | Naming sides \& angles |
| 28 | Prime numbers | 457 | Estimating angles |
| 33 | Multiple of a number | 548 | Perimeter (1) |
| 37 | Compare negative numbers | 553 | Counting squares |
| 38 | Symmetry of subtraction | 576 | Counting cubes |
| 39 | Adding negative numbers | 821 | Points and lines |
| 40 | Subtracting negative numbers | 822 | 2D shapes |
| 45 | Read \& write decimal numbers | 823 | Triangles |
| 46 | Compare decimal numbers | 824 | Quadrilaterals (1) |
| 47 | Addition \& subtraction with decimals | 825 | Quadrilaterals (2) |
| 48 | Multiplication with decimals | 826 | Quadrilaterals (3) |
| 49 | Division with decimal answers | 827 | Line symmetry |
| 50 | Division of decimals | 828 | Rotational symmetry |
| 51 | Worded problems involving decimals | 349 | Express a probability in words |
| 52 | Convert simple decimals to fractions | 350 | Express a probability in numbers |
| 55 | Convert simple decimals to percentages | 351 | Probability of single events (1) |
| 56 | Round decimal numbers | 352 | Probability of single events (2) |
| 67 | What is a fraction? | 401 | Data collection sheets (tally charts) |
| 58 | Fractions as pictures | 402 | Grouped frequency tables (discrete) |
| 59 | Generate equivalent fractions | 404 | Mode |
| 61 | Simplify fractions | 409 | Median |
| 73 | Convert fractions to decimals 1 | 410 | Range |
| 75 | Convert fractions to percentages 1 | 425 | Bar charts \& vertical line graphs |
| 77 | Fractions of an amount | 426 | Pictograms |

