## Year 5 Addition Progression Grid

## Key vocabulary:

Increase, sum, total, altogether, score, double, near double, carry, doorstep, equals, tenths, hundredth, decimal point, decimal, numerator, denominator

## Mental Strategies:

- Adding decimals within 1
- Adding decimals crossing the whole





Year 5 Subtraction Progression Grid
Key vocabulary:
Minus, decrease, how many are left/left over, difference between, half, halve, how many more/fewer is... than...?, equals, decimal, decimal point, numerator, denominator

Mental Strategies:

- Subtracting decimals within 1



| Subtract fractions with <br> different <br> denominators where <br> one denominator is a <br> multiple of the other. | $\times 2\left(\begin{array}{l} \frac{1}{4}-\frac{1}{8} \\ \frac{2}{8}-\frac{1}{8}=\frac{1}{8} \end{array}\right.$ |  |
| :---: | :---: | :---: |
|  | $\begin{aligned} & 1 \frac{2}{5}-\frac{3}{10} \\ & \times 2\left(\begin{array}{l} \frac{7}{5}-\frac{3}{10} \\ \frac{14}{10}-\frac{3}{10}=\frac{11}{10}=1 \frac{1}{10} \end{array}\right. \end{aligned}$ | $\bullet$ |

## Year 5 Multiplication Progression Grid

## Key vocabulary:

lots of, groups of, multiplication, multiply, multiplied by multiple of, product, once, twice three times four times, five times...
ten times as hundred times as, thousand times as (big, long, wide, and so on)
repeated addition, row, column, double, carry, add a zero
factor, factor bug, square, cube, numerator, denominator



| Multiply fractions by a <br> whole number <br> (numerators greater <br> than 1) | $\frac{3}{6} \times 5$ |  |
| :--- | :--- | :--- | :--- |
|  | $\frac{3}{6} \times \frac{5}{1}=\frac{15}{6}$ |  |
| Multiply a mixed <br> number by a whole <br> number | $2 \frac{1}{6} \times 3$ |  |

## Year 5 Division Progression Grid

## Key vocabulary:

share equally divide, division, divided by, divided into, divisible by remainder factor, quotient inverse, ready reckoner, ten times smaller, hundred times smaller, thousand times smaller


