

Most Pupils in Year 6 should be able to do these by the end of school year:

- Know all tables to 10 x 10, especially for division, e.g.  $63 \div 7 = 9$ , and quickly work out remainders.
- Multiply and divide decimals by 10 or 100 in their heads, e.g.  $2.61 \times 10$ ,  $53.2 \div 100$ .
- Put numbers, including decimals in order of size, e.g. 1.06, 0.099, 0.25, 1.67, 1.7
- Use pencil and paper to add and subtract decimals, e.g.  $3.91 + 8.04 + 24.56$ , or  $13.3 - 1.27$ .
- Use pencil and paper to multiply and divide, e.g.  $387 \times 46$ ,  $21.5 \times 7$ ,  $539 \div 13$ ,  $307.6 \div 4$ .
- Cancel fractions e.g. reduce  $4/20$  to  $1/5$ , and work out which of two fractions is bigger, e.g.  $7/12$  or  $2/3$ .
- Work out simple percentages of whole numbers, e.g. 25% of £90 is £22.50.
- Visualise and draw on grids of different types where a shape will be after reflection, after translations, or after rotation through 90 or 180 about its centre or one of its vertices.
- Select and use standard metric units of measure and convert between units of measure using decimals to two places (e.g change 2.75 litres to 2750 ml or vice versa)
- Solve problems by collecting, selecting, processing, presenting and interpreting data, using ICT where appropriate; draw conclusions and identify further questions to ask