Written methods with decimals

The understanding tested is noted for each question, with a link to relevant support material. Always check the digits in the question have been copied correctly.

1) 18,406 – 7,390 = 11,016 — *Aligning numbers*, *calculating with zero*.

2) 62,060 + 76,633 = 138,693 — *Calculating with zero*, *carrying final digit*.

3) 4 x 2,031= 8,124 — *Calculating with zero*, *commutativity*.

4) 16,014 – 9,791= 6,223 — *Aligning numbers*, *exchanging across zero*.

5) 510 ÷ 3 = 170 — *Calculating with zero*.

6) 18 x 15 = 90 + 180 = 270 — *Long multiplication*.

7) 52.8 + 31.7 = 84.5 — *Carrying across the decimal point*.

8) 327 + 428 + 519 = 1,274 — *Adding 3 numbers*, *carrying final digit*.

9) 514.3 – 128.5 = 385.8 — *Exchanging from 1*.

10) 390 ÷ 5 = 78 — *Zero with remainder*.

11) 72,002 – 16,347 = 55,655 — *Exchanging across zeroes*.

12) 63 x 24 = 252 + 1260 = 1512 — *Long multiplication*.