Year 5

Add

4- and 5-digit numbers to 2 decimal places…estimate first

5432 + 123.45 + 87.6

```
  5432.00   <-- add zeros
+  123.45
+   87.60
--------
  5643.05
    1 1 1   <-- carried digits
```

Subtract

4- and 5-digit numbers to 2 decimal places…estimate first

1) 54321 - 19191

```
    4 1 2 1
    5 4 3 2 1   <-- steal
  - 1 9 1 9 1
```

2) Make sure pupils understand this next step before Proceeding:-

100 - 10 = 90

1000 - 10 = 990

10,000 - 10 = 9,990

3)

```
    4 9 9 9 1
    5 0,0 0 0
  - 1 9,1 9 1
```

Multiply

4-digits x 1-digit…..estimate first

1234 x 5 and 123.45 x 5

```
   1234
X     5
------
   6170
   1 1 2   <-- carry and cross out
```

Divide

1234 -:- 5 written method underpinned by work with place value counters

```
    0 2 4 6   r4/5 or r4 depending on context
    -------
    1 2 3
5) 1 2 3 4
```

Place value counters used to model decimal remainders