# ST. PAUL'S

### The National Curriculum Guide to Written Calculations

Below you will find some examples which we teach the children when calculating the four main operations-addition and subtraction and multiplication and division.

#### Addition and subtraction

789 + 642 becomes

7 8 9 + 6 4 2 1 4 3 1

Answer: 1431

874 – 523 becomes

8 7 4 - 5 2 3 3 5 1

Answer: 351

932 – 457 becomes

9 3 2 - 4 5 7 - 4 7 5

Answer: 475

932 - 457 becomes

9 3 2 - 4 5 7 5 6 4 7 5

Answer: 475

#### Short multiplication

 $24 \times 6$  becomes

Answer: 144

 $342 \times 7$  becomes

× 7
2 3 9 4

Answer: 2394

 $2741 \times 6$  becomes

2 7 4 1 × 6 1 6 4 4 6

Answer: 16 446

# Long multiplication

24 × 16 becomes

Answer: 384

124 × 26 becomes

Answer: 3224

124 × 26 becomes

Answer: 3224

#### Short division

98 ÷ 7 becomes

Answer: 14

432 ÷ 5 becomes

Answer: 86 remainder 2

496 ÷ 11 becomes

Answer:  $45\frac{1}{11}$ 

# Long division

432 ÷ 15 becomes

Answer: 28 remainder 12

432 ÷ 15 becomes

Answer:  $28\frac{4}{5}$ 

432 ÷ 15 becomes

Answer: 28-8