Division using the expanded written method

Use the expanded written method to calculate HTO ÷ O



- 1 Write the multiple of 6 that comes before each of these numbers.
 - a 22
- **b** 55
- **c** 67
- **d** 34
- e 50
- 2 Write the multiple of 8 that comes before each of these numbers.
 - **a** 20
- **b** 75
- c 51
- d 65
- **e** 9

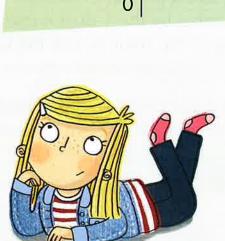


- 3 Write the multiple of 7 that comes before each of these numbers.
 - **a** 23
- **b** 50
- **c** 86
- **d** 43
- e 24



Work out the answer to each calculation using the expanded written method of division. Remember to estimate the answer first.

- 1 a 258 ÷ 3
 - **b** 192 ÷ 3
 - c 144 ÷ 3
- d 285 ÷ 3
- 2 a 375 ÷ 5
- **b** 465 ÷ 5
- c 270 ÷ 5
- d 185 ÷ 5
- **3 a** 372 ÷ 6
- **b** 198 ÷ 6
- c 264 ÷ 6
- d 558 ÷ 6
- 4 a 198 ÷ 9
- **b** 387 ÷ 9
- c 666 ÷ 9
- d 495 ÷ 9



Example

 $252 \div 3 \to 80$

2

0 (80 × 3)

 (4×3)

HTO

4

3 2 5

Check your answers from Challenges 2,3 using the inverse operation. Choose the method of multiplication you find the easiest.



