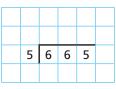# Short division

1 Complete the divisions.

a)

| 5 | 5 | 6 | 5 |

| 5 | 6 | 6 | 5 |

| 5 | 4 | 6 | 5 | 0 |

b)

| 3 | 9 | 6 | 3 |

| 3 | 9 | 7 | 2 |

| 3 | 2 | 0 | 7 | 9 |

2 Continue the sequence.

12, 24, 36, 48, 60, ____ , ____ , ____ , ____

Complete the short divisions.

| 12 | 6 | 2 | 5 | 2 |

| 12 | 2 | 0 | 0 | 4 |

| 12 | 1 | 1 | 8 | 8 |

3 Match each division to the remainder.

756 ÷ 4   r0   756 ÷ 2

757 ÷ 4   r1   756 ÷ 3

758 ÷ 4   r2   756 ÷ 4

759 ÷ 4   r3   756 ÷ 5

760 ÷ 4   r4   756 ÷ 6

                 r5

4 Complete the calculations.

a) 637 ÷ 5 = ____

b) 1,036 ÷ 8 = ____

c) Two thousand divided by eleven

d) 297 ÷ ____ = 3

3 Match each division to the remainder.

r0

756 ÷ 4

757 ÷ 4

758 ÷ 4

759 ÷ 4

760 ÷ 4

r1

r2

r3

r4

r5

756 ÷ 2

756 ÷ 3

756 ÷ 4

756 ÷ 5

756 ÷ 6

4 Complete the calculations.

a) 637 ÷ 5 = ⬚

b) 1,036 ÷ 8 = ⬚

c) Two thousand divided by eleven

d) 297 ÷ ⬚ = 3

5 Work out the values of a, b, c and d.

1,386						
a	a	a	a	a	a	a

b	b	b	b	b	b	b	b	b
3,339								

54	54	54	54	54
c		c		c

$72 \times 24 = d \times 6$

6 How much does one bottle cost?

Talk to a partner about the mistakes people may make with this question.

£6

Water

12 bottles

7 Tommy is thinking of a number between 800 and 900

He divides it by 4 and there is a remainder of 1

He divides it by 5 and there is a remainder of 1

He divides it by 6 and there is a remainder of 1

He divides it by 7 and there is a remainder of 1

What is Tommy's number?

8 Complete the divisions.

a)

		0	4	8	
	6				

b)

		2	4	8	r1
	4	9		3	

c)

		0	9	1	r7
		7	3		