

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.

$756 \div 4$	r0	$756 \div 2$
$757 \div 4$	r1	$756 \div 3$
$758 \div 4$	r2	$756 \div 4$
$759 \div 4$	r3	$756 \div 5$
$760 \div 4$	r4	$756 \div 6$
	r5	

4 Complete the calculations.

a) $637 \div 5 =$

b) $1,036 \div 8 =$

c) Two thousand divided by eleven is equal to _____
_____.

d) $297 \div$ $= 3$



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

1,386						
a	a	a	a	a	a	a

$a =$

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

$b =$

54	54	54	54	54
c		c		c

$c =$

$72 \times 24 = d \times 6$

$d =$



6



How much does one bottle cost?

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



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				