

15.06.20

LO: To consolidate my knowledge of addition, subtraction, multiplication and division.

1 Complete the calculations.

a)

		3	0	5	9	4		
		+	1	5	4	2	3	
		-----						

c)  $5,236 + 424,850$

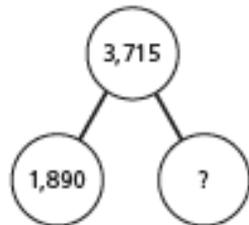

b)

		4	2	4	8	5	0	
		-			5	2	3	
		-----						

d)  $30,594 - 15,423$


2 Calculate the missing numbers. Show your method.

a)




b)



c)  $23,500 + \boxed{\phantom{000000}} + 120,578 = 1,201,079$


d)  $\boxed{\phantom{000000}} - 233,233 = 322,322$


3 Match the calculations to the best estimates.

$8,000,500 - 6,100,000$

200,000

$1,250,000 + 900,000$

one million

double 600,000

$2\frac{1}{4}$  million

$123,999 + 84,178$

2 million

Talk about your answers with a partner.

4 Complete the calculations.

a)

		8	1		8	5	
		+			0	6	
					9	9	5
							8

c)

		8		4	8	5	
		-	3	6			4
				5	5	5	5

b)

		2			5	5	
		-	2		0	5	
					9	0	5

d)

		2	1		8	5	
		+			0	6	
					4	1	0
							2

Addition and subtraction



1

$$3,257 \times 4 = 13,024$$

I know this  
is wrong by looking at  
the ones digit.



Is Eva correct? Talk about it with a partner.

2

Complete the multiplications.

a)

		1	2	3	5
x				5	3
<hr/>					
<hr/>					

b)

		4	0	3	6
x				2	4
<hr/>					
<hr/>					

c)

		6	9	7	8
x				7	6
<hr/>					
<hr/>					

3

Write the correct multiplications to complete the calculations.

$$1,247 \times 37$$

$$2,031 \times 29$$

$$2,413 \times 23$$

x					
	7	2	3	9	
	4	8	2	6	0
<hr/>					
<hr/>					

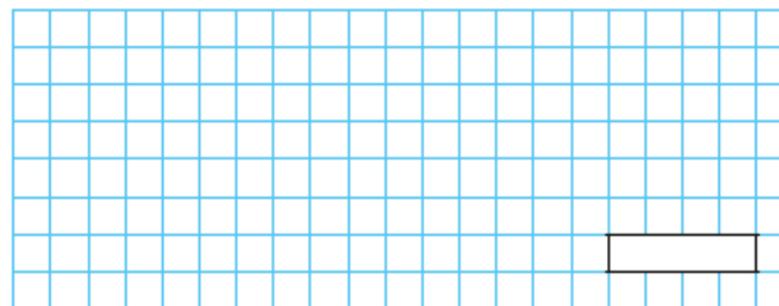
x					
	8	7	2	9	
	3	7	4	1	0
<hr/>					
<hr/>					

x					
	1	8	2	7	9
	4	0	6	2	0
<hr/>					
<hr/>					

4

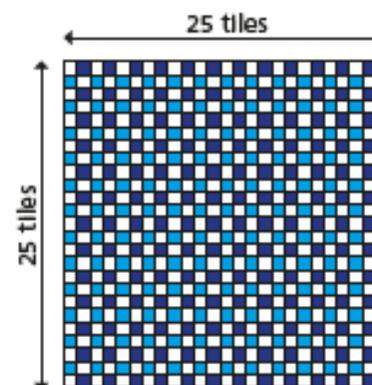
A car park has 230 rows of 17 spaces.  
There are 1,250 cars already parked.  
How many empty spaces are there?

Multiplication



5

Mr Smith has tiled his kitchen floor.



Each tile costs 18p.

How much does the floor cost in total?



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

757 ÷ 4

758 ÷ 4

759 ÷ 4

760 ÷ 4

r0

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 is equal to \_\_\_\_\_  
\_\_\_\_\_

d) 297 ÷  = 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
$c$		$c$		$c$

$c =$

6



Short division

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			