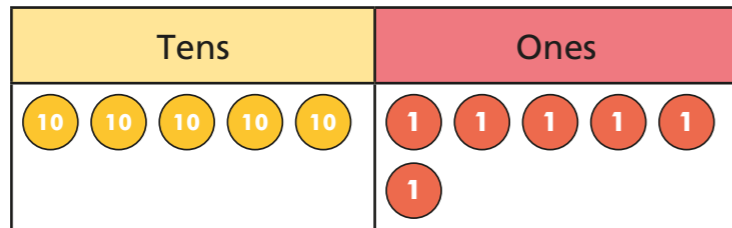


Use formal methods for subtraction of integers

1 The place value chart shows the number 56

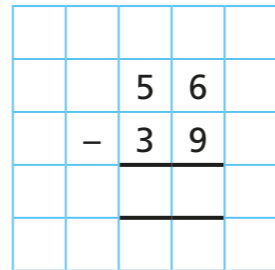
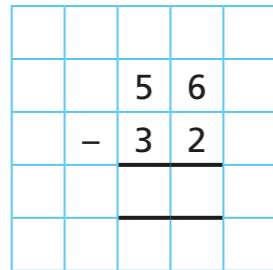


a) Use the place value chart to complete the calculations.

$$56 - 32 = \square \qquad 56 - 39 = \square$$

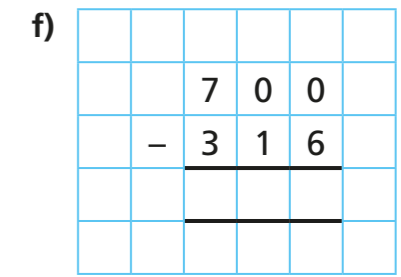
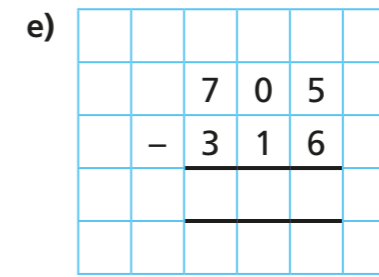
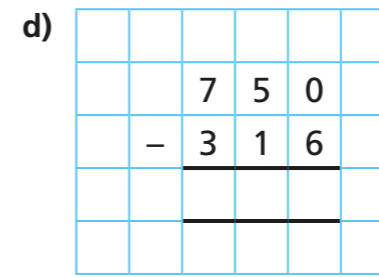
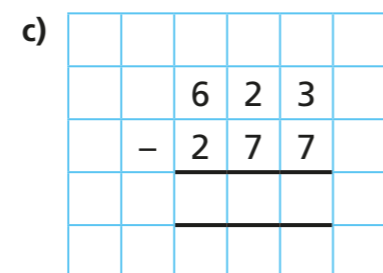
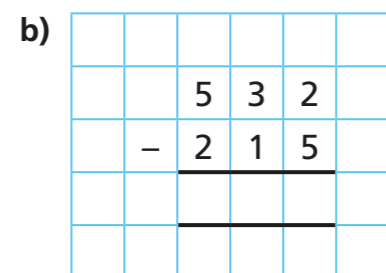
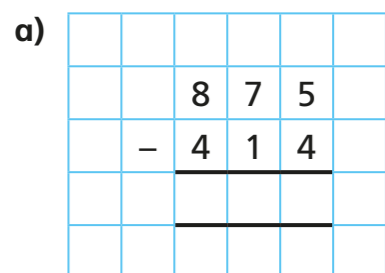
Which calculation was more difficult? Why?

b) Complete the column subtractions.



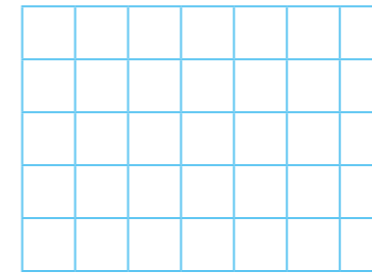
c) What is the same and what is different about the methods in part a) and part b)?

2 Complete the calculations.

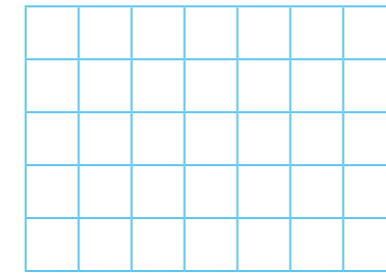


3 Work out the calculations using the column method.

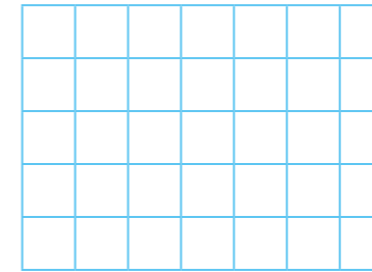
a) $3,426 - 2,318$



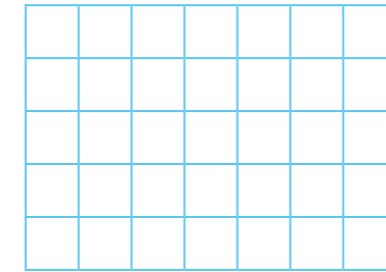
c) $4,316 - 2,688$



b) $6,512 - 3,136$



d) $5,281 - 3,186$



4 Complete the calculations.

a) $6,387 - 245 = \square$

c) $6,387 - 2,045 = \square$

b) $6,387 - 2,450 = \square$

d) $9,265 - 4,076 = \square$

- 5 a) What number is four thousand three hundred and twenty-seven less than six thousand five hundred and eighty-six?

- b) What number is four thousand three hundred and twenty-seven less than six thousand and six?

- 6 a) Put these numbers in order of size, starting with the smallest.

650,000	half a million	sixty-eight thousand
three hundred and two thousand	2,700,000	

- b) What is the median of the numbers? _____

- c) Work out the range of the numbers.

- 7 The table shows the number of people who visited a museum in one week.

Mon	Tues	Wed	Thurs	Fri	Sat	Sun
651	873	512	840	1,019	2,643	2,188

- a) Find the difference between the number of visitors on Monday and the number of visitors on Tuesday.

- b) Find the range of the number of visitors each day over the week.

- 8 Solve the equations.

a) $a + 27 = 63$

c) $509 = d + 315$

$a =$

$d =$

b) $b - 27 = 63$

d) $509 = e - 315$

$b =$

$e =$

