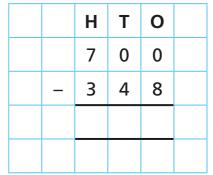
Efficient subtraction

3

White Rose Maths



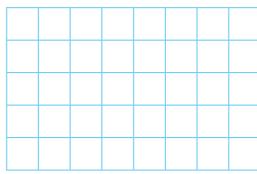
What do you notice?

Rosie and Amir have calculated 700 - 348 using different methods.

b) Rosie's method

	Н	Т	0	
	6	٩	٩	
_	3	4	8	
	3	5	1	

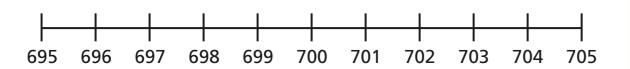
Use Rosie's method to work out 6,000 - 2,145



a) Use the column method to work out 704 – 696

	Н	Т	0	
	7	0	4	
_	6	9	6	

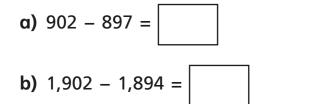
b) Count on the number line to work out 704 – 696



c) Which method do you prefer? _____

Why?

Complete the subtractions by counting on.



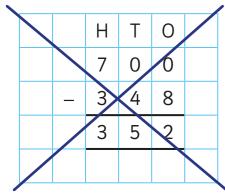


a) Use column subtraction to complete the calculations.

	Th	Η	Т	0	
	6	0	0	0	
_	2	1	4	5	

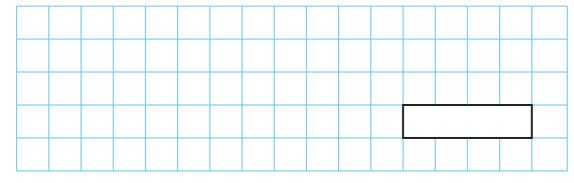
351 + 1 = 352 so 700 - 348 = 352

c) Amir's method



	Н	Т	0	
	6	q	q	
-	3	4	7	
	3	5	2	

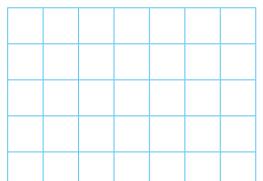
Use Amir's method to work out 6,000 - 2,145



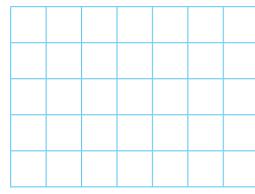
d) Whose method do you prefer, Rosie's or Amir's?

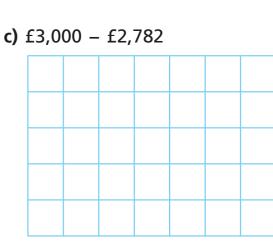
Use the column method to work out the subtractions.

a) 500 - 341



b) 1,000 – 729





d) 10,000 mm - 7,302 mm

5 1,785 of the light bulbs are blue. How many bulbs are not blue? Eva is working out 7,385 - 1,999 7,385 - 2,000 = 5,385 7,385 - 1,999 = 5,386

before subtracting.

