1) Complete the table.

Calculation	Model/Image			Column Method
	H	T	O	
567 + 31 = 598				
	H	T	O	
	H	T	O	
				8 2 4
				+ 4 3

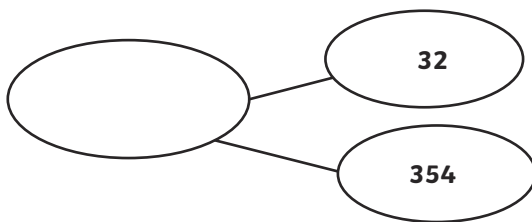**2)** Use column addition and subtraction to solve these bar models.

251		28

697	
	630

888	
35	

1) Gethin has been using base ten to calculate the answer to this number sentence. Check his work and spot the mistake he has made.

642 - 41 = 642
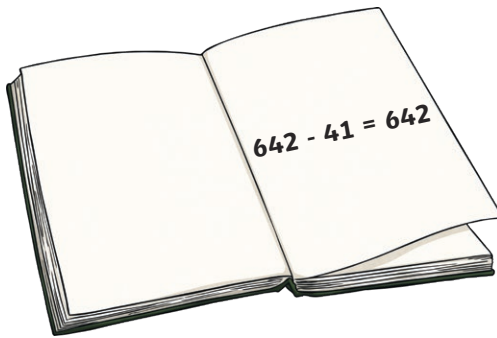
	H	T	O

_____

_____

_____

_____

_____

2) Hannah, Ross and Pedro have each calculated the answer to this part-whole model.

32

354

Look at their calculations. Who is wrong? Explain why.

Hannah	Ross	Pedro

			3	2					3	5	4					3	5	4
	+	3	5	4			+		3	2				−			3	2
		6	7	4				3	8	6						3	2	2

_____

_____

_____

_____

1) Find the missing digits in these number sentences. Find all possible answers.

a) 902 + ___3 = 93___ - 14

b) 442 + 31 < 42 ___ + ___ ___ < 496 - 21

2) Use the digit cards below to complete the calculation. There should be no regrouping in the calculations you create. Each card can only be used once per calculation.

___ ___ ___ - ___ ___ = 723

| 1 | 2 | 3 | 4 | 5 | 6 | 7 | 8 |

Find five possible answers.

3) Arrange 10 counters onto the place value grid to make a 3-digit number and a 2-digit number that add together to make 325. Find all 12 possible solutions.

Hundreds	Tens	Ones
3	2	5