Lesson 1: **Adding 3-digit and 2-digit numbers (1)**

• Estimate and add 3-digit and 2-digit numbers

a. +	b. +
c. +	d. +
e. +	f. +

2 Look at each calculation and write an estimate.

  a   316 + 72 _____

  b   483 + 19 _____

  c   624 + 41 _____

  d   736 + 53 _____

3 Use ~~a mental strategy~~ to work out the answers. **Formal Method**

  a   253 + 41 = _____

  b   342 + 35 = _____

  c   523 + 64 = _____

  d   712 + 54 = _____

  e   604 + 85 = _____

  f   444 + 33 = _____

~~Explain your strategy for **c**.~~

4 Use the expanded written method to work out the answers.

a				b				c				d		
	6	3	4		7	0	4		8	1	4		9	0	3
+		3	5	+		7	3	+		6	2	+		9	1

5 Use the formal written method to work out the answers.

  a 623 + 75   **b** 561 + 28   **c** 736 + 63   **d** 312 + 86

6 Jin thinks that the only way to add 704 and 35 is to use the formal written method. Do you agree? ____ Why?

_____

Show how you would work out the answer.

_____

7 Fill in the missing numbers in these calculations.

a		5		2	b				2	c			0	
	+		4			+		3			+			6
		8	6				8	7	9			9	1	9