Number

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

a. +

b. +

c. +

d. +

e. +

f. +

2 Complete each addition by adding 10 and subtracting 1.

a 172 + 9 = ☐ b 236 + 9 = ☐

c 687 + 9 = ☐ d 734 + 9 = ☐

e 564 + 9 = ☐ f 829 + 9 = ☐

3 Use ~~compensation~~ to work out the answers. Formal Method

a 246 + 19 = ☐ b 357 + 29 = ☐

c 414 + 39 = ☐ d 536 + 49 = ☐

e 168 + 79 = ☐ f 653 + 59 = ☐

Explain compensation.

Number

4 Use the expanded written method to add these numbers.

a

	6	2	8
+		4	8

b

	7	3	7
+		5	9

c

	5	4	6
+		3	7

d

	8	5	6
+		2	9

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

a 367 + 28 My estimate is ☐

b 427 + 49 My estimate is ☐

c 538 + 57 My estimate is ☐

d 657 + 27 My estimate is ☐

6 Three learners are making up 3-digit add 2-digit calculations.
The numbers are only used once.

629 642 658 29 48 17

a Aubrey's answer is between 640 and 650.
Which two numbers does he add together? ☐

b Charlotte's answer is the greatest.
Which two numbers does she add together? ☐

c Joel adds the other two numbers together.
Which numbers does he add? ☐

What is the total? ☐

LIVEWORKSHEETS