Lesson 3: Adding pairs of 3-digit numbers (1)

• Estimate and add pairs of 3-digit numbers

1 Use the making 10 strategy to find the sum of each calculation. Decide which number you will make into a multiple of 10.

a 137 + 26 = [   ]   b 126 + 47 = [   ]

c 154 + 38 = [   ]   d 125 + 67 = [   ]

2 Use the expanded written method to work out the answers. Estimate first.

My estimate is [   ]   My estimate is [   ]   My estimate is [   ]   My estimate is [   ]

a
```
   3 7 7
 + 3 1 6
```

b
```
   4 3 6
 + 2 4 6
```

c
```
   6 4 8
 + 2 3 5
```

d
```
   7 2 5
 + 2 4 6
```

3 Use the ~~making 10 strategy~~ to work out the answers. Estimate first.

a My estimate is [   ]   347 + 198 = Formal method

b My estimate is [   ]   436 + 229 = Formal method

c My estimate is [   ]   538 + 227 = Formal method

d My estimate is [   ]   636 + 148 = Formal method

~~Explain this strategy.~~

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

a 427 + 384   **b** 546 + 247   **c** 426 + 457   **d** 637 + 248

My estimate is [   ]   My estimate is [   ]   My estimate is [   ]   My estimate is [   ]

```
 +            +            +            +
```

a. +	b. +
c. +	d. +

6 Use the digits 3, 4, 5, 6, 7 and 8 to make two 3-digit numbers. Add the two numbers. ~~Make sure the ones need regrouping each time.~~

What other similar calculations can you make?

Date: _____