Inverse

Inverse means to do the opposite.

The inverse of addition is subtraction.

The inverse of multiplication is division.

Answer the question, then complete the inverse to see if you were correct.

Here is a simple example.

2+3=5

5-3=2

As you can see, the same three numbers have been used in both calculations.

Here is an example that looks more like your work…

3421   4672

1251 +   1251-

4672   3421

As you can see, the same three number still been used in both calculations.

KM inverse work

Addition   Subtraction

```
   2541                                         8017
 + 5235                                       - 5004
            - _____                                  + _____
 _____                                       _____
            _____                                  _____


   4672                                         6558
 + 4221     - _____                          - 4341    + _____
 _____     _____                            _____
                                                         _____


   4482                                         6482
 + 5502                                       - 4151    + _____
            - _____                          _____
 _____                                                 _____
            _____
```

HBS inverse work

Addition and subtraction

```
  5391              7894
+ 8468      -     - 3918      + _____
_____      _____   _____      _____


  3204      - _____    6873      + _____
+ 3184       _____   - 5175
_____                _____      _____


  4659              7327
+ 5691      - _____  - 5309
_____      _____    _____      + _____
                                   _____
```

CH inverse work

Adding and subtracting decimals

```
  £  7.63     - _____    £27.89
+ £15.75       _____   - £18.92    + _____
_____                _____    _____


  £23.48      - _____    £82.83    + _____
+ £18.68       _____   - £54.79
_____                _____    _____


  £256.72                £167.63
+ £334.67     - _____  - £85.45    + _____
_____       _____   _____    _____
```

Challenge – work out the answer and then write the inverse below to check it

```
1. 345      2. 769      3. 259
    7x          4x          6x
```