Year 5 Addition

Addition: 5-digit numbers

sum

1

```
  85683
 +45978
 ------
 ------
```

Place the numbers one on top of the other, lining up the hundreds, tens and

2

```
  85683
 +45978
 ------
      1
```

Add the ones and write the answer.

3

```
  85683
 +45978
 ------
      1
 ------
  1
```

Carry any tens to the tens column.

4

```
  85683
 +45978
 ------
     61
 ------
  11
```

Add the tens including any tens you have carried. Carry any hundreds to the hundreds column.

difference

counting on

counting back

5

```
  85683
 +45978
 ------
    661
 ------
  111
```

Add the hundreds including any hundreds you have carried.

6

```
  85683
 +45978
 ------
   1661
 ------
 1111
```

Add the thousands including any thousands you've carried.

7

```
  85683
 +45978
 ------
 131661
 ------
 1111
```

Add the tens thousands including any thou-sands you've carried.

8

```
  85683
 +45978
 ------
 131661
 ------
 1111
```

Check your answer.

minus

less

Rounding to Check Answers

Rounding is a great way to make a number simpler while keeping it close to the value that it was. Rounding can be used to help check answers to calculations.

For example: 3487 + 2725 = **6212** 3500 + 2700 = **6200**

Year 5 Subtraction

Subtraction: 5-digit numbers

plus

minus

total

difference

sum

less

counting on

counting back

1

```
 38291
-18636
------
```

Place the numbers one on top of the other, lining up the thousands, hundreds, tens and ones. Subtract the ones (the answer to 1 – 6 is negative).

2

```
   8  1
 3829~~1~~
-18636
------
   55
```

Exchange 10 from the 90 to make 11 ones. Subtract the ones: 11 – 6 = 5. Subtract the tens: 80 – 30 = 50.

3

```
 7  1  8  1
 3~~8~~2~~9~~1
-18636
------
  655
```

Subtract the hundreds (the answer to 200 – 600 is negative). Exchange 1000 from the 8000 to make 1200. Subtract the hundreds: 1200 - 600 = 600.

4

```
 2 17  1  8  1
 ~~3~~~~8~~2~~9~~1
-18636
------
 9655
```

Subtract the thousands (the answer to 7000 – 8000 is negative). Exchange 10 000 from the 30 000 to make 17 000. Subtract the thousands: 17 000 - 8000 = 9000.

5

```
 2 17  1  8  1
 ~~3~~~~8~~2~~9~~1
-18636
------
19655
```

Subtract the ten thousands: 20 000 – 10 000 = 10 000.

6

```
 38291
-18636
------
19655
```

Check your answer.

Rounding to Check Answers

Rounding is a great way to make a number simpler while keeping it close to the value that it was. Rounding can be used to help check answers to calculations.

For example: 9877 - 3827 = **6050** 9900 - 3800 = **6100**