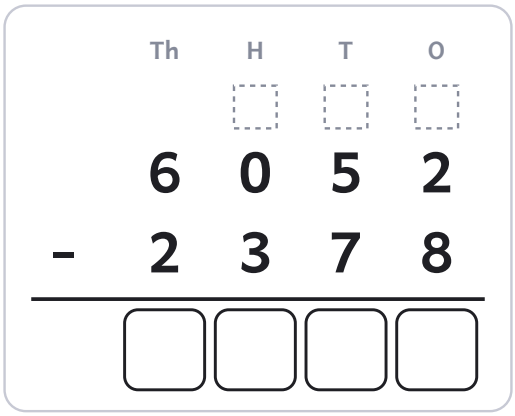
MATH - SUBTRACTION

4 Digit Subtraction Worksheets

192 column sums in six stages, no borrowing through to borrowing across zeros



Every sum is set out under Th, H, T and O, so a child always takes ones from ones and thousands from thousands. A shorter number sits under the right-hand columns, never padded with a leading zero.

Six stages of four sheets. The last stage is the one that trips children up most: 5003 - 1768, with no ten and no hundred to open.

Twenty-four sheets of eight. Answers at the back.

A4 - black ink only - class 3 and 4, ages 8-10

Name _____ Date _____

4 digit – 3 digit, no borrowing

Take the ones away. The thousands come down.

	Th	H	T	O
	3	7	6	9
-		7	6	7

	Th	H	T	O
	3	6	5	9
-		3	3	3

	Th	H	T	O
	8	9	6	4
-		7	3	1

	Th	H	T	O
	8	3	7	3
-		3	3	0

	Th	H	T	O
	8	7	7	3
-		2	4	2

	Th	H	T	O
	3	2	7	9
-		2	6	2

	Th	H	T	O
	4	9	9	6
-		2	5	5

	Th	H	T	O
	5	7	3	5
-		7	0	2

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Name _____ Date _____

4 digit - 3 digit, no borrowing

Take the ones away. The thousands come down.

	Th	H	T	O
	8	2	8	2
-		2	2	2

	Th	H	T	O
	4	7	7	5
-		1	4	5

	Th	H	T	O
	9	8	4	3
-		8	4	3

	Th	H	T	O
	9	7	0	1
-		4	0	1

	Th	H	T	O
	8	8	8	4
-		5	4	4

	Th	H	T	O
	4	7	6	4
-		2	6	0

	Th	H	T	O
	7	4	7	7
-		2	6	5

	Th	H	T	O
	4	6	6	4
-		4	6	0

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Name _____ Date _____

4 digit - 3 digit, no borrowing

Take the ones away. The thousands come down.

	Th	H	T	O
	5	9	6	7
-		9	4	1

	Th	H	T	O
	3	7	6	9
-		6	6	3

	Th	H	T	O
	5	8	6	5
-		3	3	2

	Th	H	T	O
	3	9	8	6
-		3	0	1

	Th	H	T	O
	1	9	7	7
-		8	4	3

	Th	H	T	O
	2	9	8	6
-		5	1	1

	Th	H	T	O
	7	4	6	7
-		3	5	5

	Th	H	T	O
	6	8	1	3
-		2	1	3

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Name _____ Date _____

4 digit - 3 digit, no borrowing

Take the ones away. The thousands come down.

Th	H	T	O
2	3	4	9
-		1	2	0

Th	H	T	O
4	9	9	7
-		2	9	2

Th	H	T	O
6	8	4	1
-		2	2	1

Th	H	T	O
1	4	9	9
-		3	4	4

Th	H	T	O
8	9	5	9
-		2	2	3

Th	H	T	O
4	3	7	2
-		2	4	2

Th	H	T	O
8	7	6	7
-		7	1	4

Th	H	T	O
6	4	4	3
-		4	3	3

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Name _____ Date _____

4 digit - 4 digit, no borrowing

Four columns, right to left. Nothing to exchange.

Th	H	T	O
7	5	4	4
- 4	1	3	1

Th	H	T	O
9	4	7	9
- 2	2	2	3

Th	H	T	O
9	9	9	9
- 4	5	0	8

Th	H	T	O
9	7	2	8
- 2	6	2	3

Th	H	T	O
6	8	7	9
- 1	8	5	3

Th	H	T	O
8	8	9	2
- 6	3	8	2

Th	H	T	O
8	6	1	1
- 7	3	0	1

Th	H	T	O
9	9	2	1
- 3	4	2	0

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Name _____ Date _____

4 digit - 4 digit, no borrowing

Four columns, right to left. Nothing to exchange.

Th	H	T	O
6	9	9	2
- 4	5	2	1

Th	H	T	O
4	2	9	8
- 1	1	2	5

Th	H	T	O
6	5	6	7
- 1	2	0	1

Th	H	T	O
6	5	1	9
- 2	3	0	3

Th	H	T	O
4	9	9	2
- 1	5	9	1

Th	H	T	O
8	6	7	8
- 6	6	4	3

Th	H	T	O
9	8	9	7
- 2	3	9	2

Th	H	T	O
2	6	3	7
- 1	4	1	7

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Name _____ Date _____

4 digit - 4 digit, no borrowing

Four columns, right to left. Nothing to exchange.

Th	H	T	O
	7	7	7	7
-	1	5	5	2

Th	H	T	O
	7	9	2	7
-	1	5	1	1

Th	H	T	O
	7	8	3	7
-	4	5	1	6

Th	H	T	O
	8	5	8	9
-	7	0	2	4

Th	H	T	O
	6	8	5	3
-	5	6	4	0

Th	H	T	O
	8	7	6	5
-	6	2	6	5

Th	H	T	O
	5	8	7	8
-	4	2	7	6

Th	H	T	O
	7	7	6	9
-	1	6	4	9

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Name _____ Date _____

4 digit - 4 digit, no borrowing

Four columns, right to left. Nothing to exchange.

Th	H	T	O
	9	8	3	7
-	6	3	2	0

Th	H	T	O
	6	7	9	9
-	1	1	7	3

Th	H	T	O
	8	2	6	9
-	7	2	3	9

Th	H	T	O
	2	4	6	5
-	1	2	2	3

Th	H	T	O
	8	3	4	7
-	4	2	2	3

Th	H	T	O
	5	1	6	6
-	3	0	1	6

Th	H	T	O
	4	3	7	9
-	3	0	5	3

Th	H	T	O
	9	9	8	9
-	2	9	5	2

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Name _____ Date _____

Borrowing from the tens

Not enough ones? Change one ten into ten ones.

	Th	H	T	O
		☐	☐	☐
	7	8	7	5
-	5	5	3	9
	☐	☐	☐	☐

	Th	H	T	O
		☐	☐	☐
	9	9	8	3
-	4	8	6	9
	☐	☐	☐	☐

	Th	H	T	O
		☐	☐	☐
	5	6	5	1
-	3	0	2	9
	☐	☐	☐	☐

	Th	H	T	O
		☐	☐	☐
	9	4	5	1
-	5	1	0	8
	☐	☐	☐	☐

	Th	H	T	O
		☐	☐	☐
	8	7	7	0
-	1	5	4	2
	☐	☐	☐	☐

	Th	H	T	O
		☐	☐	☐
	4	6	7	6
-	3	1	5	8
	☐	☐	☐	☐

	Th	H	T	O
		☐	☐	☐
	5	9	9	2
-	2	9	0	7
	☐	☐	☐	☐

	Th	H	T	O
		☐	☐	☐
	8	8	4	0
-	5	1	0	6
	☐	☐	☐	☐

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Name _____ Date _____

Borrowing from the tens

Not enough ones? Change one ten into ten ones.

	Th	H	T	O
		☐	☐	☐
	5	7	9	3
-	2	4	4	5
	☐	☐	☐	☐

	Th	H	T	O
		☐	☐	☐
	9	9	9	2
-	1	4	1	7
	☐	☐	☐	☐

	Th	H	T	O
		☐	☐	☐
	4	8	6	0
-	3	6	2	6
	☐	☐	☐	☐

	Th	H	T	O
		☐	☐	☐
	9	8	4	4
-	5	1	1	6
	☐	☐	☐	☐

	Th	H	T	O
		☐	☐	☐
	4	4	5	3
-	2	2	2	8
	☐	☐	☐	☐

	Th	H	T	O
		☐	☐	☐
	4	9	2	2
-	3	2	0	7
	☐	☐	☐	☐

	Th	H	T	O
		☐	☐	☐
	4	3	8	1
-	2	1	1	2
	☐	☐	☐	☐

	Th	H	T	O
		☐	☐	☐
	3	8	6	0
-	1	4	3	5
	☐	☐	☐	☐

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Name _____ Date _____

Borrowing from the tens

Not enough ones? Change one ten into ten ones.

	Th	H	T	O
		☐	☐	☐
	8	3	7	5
-	5	2	2	8
	☐	☐	☐	☐

	Th	H	T	O
		☐	☐	☐
	8	9	5	5
-	2	1	2	6
	☐	☐	☐	☐

	Th	H	T	O
		☐	☐	☐
	9	3	9	7
-	5	2	3	8
	☐	☐	☐	☐

	Th	H	T	O
		☐	☐	☐
	4	8	2	2
-	1	6	0	5
	☐	☐	☐	☐

	Th	H	T	O
		☐	☐	☐
	2	3	7	1
-	1	1	0	6
	☐	☐	☐	☐

	Th	H	T	O
		☐	☐	☐
	7	8	9	1
-	4	7	0	9
	☐	☐	☐	☐

	Th	H	T	O
		☐	☐	☐
	5	6	6	6
-	1	6	4	7
	☐	☐	☐	☐

	Th	H	T	O
		☐	☐	☐
	9	4	8	5
-	1	4	1	6
	☐	☐	☐	☐

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Name _____ Date _____

Borrowing from the tens

Not enough ones? Change one ten into ten ones.

	Th	H	T	O
		□	□	□
	8	3	9	3
-	6	2	0	4
	□	□	□	□

	Th	H	T	O
		□	□	□
	7	9	2	1
-	1	5	0	5
	□	□	□	□

	Th	H	T	O
		□	□	□
	8	1	3	0
-	3	1	1	5
	□	□	□	□

	Th	H	T	O
		□	□	□
	3	6	9	0
-	1	4	1	6
	□	□	□	□

	Th	H	T	O
		□	□	□
	7	6	2	0
-	2	2	0	9
	□	□	□	□

	Th	H	T	O
		□	□	□
	9	8	7	5
-	2	0	6	6
	□	□	□	□

	Th	H	T	O
		□	□	□
	5	5	8	2
-	1	4	7	9
	□	□	□	□

	Th	H	T	O
		□	□	□
	9	7	7	1
-	3	5	5	5
	□	□	□	□

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Name _____ Date _____

Borrowing twice

Exchange from the tens, then from the hundreds.

Th	H	T	O
8	7	5	2
- 4	5	9	9

Th	H	T	O
9	5	3	1
- 3	3	9	3

Th	H	T	O
3	7	4	3
- 2	6	8	4

Th	H	T	O
8	9	3	2
- 2	4	3	7

Th	H	T	O
5	5	4	0
- 3	4	4	8

Th	H	T	O
4	8	2	0
- 1	7	6	7

Th	H	T	O
5	9	4	3
- 3	3	9	7

Th	H	T	O
6	1	4	2
- 5	0	4	4

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Name _____ Date _____

Borrowing twice

Exchange from the tens, then from the hundreds.

	Th	H	T	O
	7	1	4	5
-	5	0	7	8

	Th	H	T	O
	8	2	6	7
-	2	1	8	8

	Th	H	T	O
	6	6	5	1
-	4	2	6	8

	Th	H	T	O
	6	4	8	8
-	5	2	8	9

	Th	H	T	O
	9	9	1	2
-	4	5	1	6

	Th	H	T	O
	7	7	0	0
-	2	3	2	5

	Th	H	T	O
	8	8	7	2
-	5	6	9	7

	Th	H	T	O
	7	5	2	0
-	1	4	5	8

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Name _____ Date _____

Borrowing twice

Exchange from the tens, then from the hundreds.

Th	H	T	O
5	7	4	8
- 2	2	4	9

Th	H	T	O
6	5	0	2
- 5	4	9	4

Th	H	T	O
9	9	3	2
- 3	8	4	5

Th	H	T	O
7	7	3	6
- 1	2	3	8

Th	H	T	O
6	7	4	2
- 1	0	6	6

Th	H	T	O
8	6	0	4
- 6	4	8	5

Th	H	T	O
8	4	6	5
- 3	0	8	6

Th	H	T	O
5	9	3	5
- 4	0	8	7

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Name _____ Date _____

Borrowing twice

Exchange from the tens, then from the hundreds.

Th	H	T	O
9	3	7	7
- 7	2	8	8

Th	H	T	O
4	7	4	1
- 3	4	6	6

Th	H	T	O
6	9	6	4
- 4	4	9	5

Th	H	T	O
8	2	4	3
- 2	0	7	8

Th	H	T	O
8	9	2	5
- 1	3	3	9

Th	H	T	O
9	5	5	5
- 5	0	5	7

Th	H	T	O
8	5	0	2
- 1	2	5	5

Th	H	T	O
7	8	0	2
- 4	2	2	7

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Name _____ Date _____

Borrowing three times

Each column borrows from the one on its left.

Th	H	T	O
	□	□	□
6	0	6	0
- 2	2	6	8
□	□	□	□

Th	H	T	O
	□	□	□
6	3	7	1
- 3	4	8	9
□	□	□	□

Th	H	T	O
	□	□	□
6	4	4	3
- 1	4	8	9
□	□	□	□

Th	H	T	O
	□	□	□
5	3	0	4
- 1	4	6	9
□	□	□	□

Th	H	T	O
	□	□	□
8	6	7	6
- 6	6	9	8
□	□	□	□

Th	H	T	O
	□	□	□
5	0	0	3
- 3	5	5	4
□	□	□	□

Th	H	T	O
	□	□	□
7	2	4	2
- 3	7	6	8
□	□	□	□

Th	H	T	O
	□	□	□
8	4	1	5
- 6	4	5	7
□	□	□	□

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Name _____ Date _____

Borrowing three times

Each column borrows from the one on its left.

Th	H	T	O
	□	□	□
9	0	6	3
- 1	6	7	9
□	□	□	□

Th	H	T	O
	□	□	□
7	3	6	3
- 5	8	8	6
□	□	□	□

Th	H	T	O
	□	□	□
7	1	0	5
- 1	4	7	8
□	□	□	□

Th	H	T	O
	□	□	□
9	2	1	1
- 4	5	9	8
□	□	□	□

Th	H	T	O
	□	□	□
8	3	0	2
- 3	4	0	5
□	□	□	□

Th	H	T	O
	□	□	□
9	0	8	2
- 7	0	9	8
□	□	□	□

Th	H	T	O
	□	□	□
8	1	8	4
- 3	2	9	6
□	□	□	□

Th	H	T	O
	□	□	□
5	8	2	0
- 3	9	9	5
□	□	□	□

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Name _____ Date _____

Borrowing three times

Each column borrows from the one on its left.

Th	H	T	O
	□	□	□
9	2	5	5
- 5	9	5	8
□	□	□	□

Th	H	T	O
	□	□	□
7	5	7	1
- 5	8	8	7
□	□	□	□

Th	H	T	O
	□	□	□
8	5	4	2
- 1	6	7	7
□	□	□	□

Th	H	T	O
	□	□	□
9	2	5	1
- 5	2	8	3
□	□	□	□

Th	H	T	O
	□	□	□
8	7	4	2
- 3	8	6	5
□	□	□	□

Th	H	T	O
	□	□	□
8	4	3	7
- 2	5	7	9
□	□	□	□

Th	H	T	O
	□	□	□
8	5	0	0
- 5	8	3	4
□	□	□	□

Th	H	T	O
	□	□	□
8	2	1	0
- 2	7	1	2
□	□	□	□

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Name _____ Date _____

Borrowing three times

Each column borrows from the one on its left.

Th	H	T	O
	□	□	□
9	9	3	3
- 3	9	8	7
□	□	□	□

Th	H	T	O
	□	□	□
8	0	0	2
- 5	4	2	5
□	□	□	□

Th	H	T	O
	□	□	□
6	1	2	5
- 2	1	9	6
□	□	□	□

Th	H	T	O
	□	□	□
9	3	0	6
- 6	9	1	9
□	□	□	□

Th	H	T	O
	□	□	□
9	9	1	0
- 6	9	1	8
□	□	□	□

Th	H	T	O
	□	□	□
8	6	3	5
- 6	9	7	9
□	□	□	□

Th	H	T	O
	□	□	□
8	5	3	1
- 2	8	3	5
□	□	□	□

Th	H	T	O
	□	□	□
9	6	1	4
- 2	8	8	8
□	□	□	□

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Name _____ Date _____

Borrowing across zeros

No tens and no hundreds? Open a thousand first.

Th	H	T	O
7	0	0	5
- 4	4	1	7

Th	H	T	O
8	0	0	8
- 6	8	7	9

Th	H	T	O
4	0	0	1
- 2	0	7	3

Th	H	T	O
6	0	0	5
- 4	3	6	8

Th	H	T	O
5	0	0	3
- 3	2	5	9

Th	H	T	O
8	0	0	1
- 5	5	5	6

Th	H	T	O
9	0	0	5
- 4	0	0	6

Th	H	T	O
4	0	0	0
- 1	4	3	1

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Name _____ Date _____

Borrowing across zeros

No tens and no hundreds? Open a thousand first.

Th	H	T	O
3	0	0	1
- 1	7	9	6

Th	H	T	O
5	0	0	1
- 1	3	3	5

Th	H	T	O
7	0	0	6
- 4	7	3	8

Th	H	T	O
7	0	0	0
- 5	0	9	5

Th	H	T	O
9	0	0	1
- 5	7	1	3

Th	H	T	O
8	0	0	4
- 6	6	5	6

Th	H	T	O
9	0	0	1
- 6	1	8	5

Th	H	T	O
3	0	0	4
- 1	1	8	5

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Name _____ Date _____

Borrowing across zeros

No tens and no hundreds? Open a thousand first.

Th	H	T	O
7	0	0	4
- 2	0	2	9

Th	H	T	O
5	0	0	6
- 3	9	3	8

Th	H	T	O
5	0	0	0
- 2	8	5	7

Th	H	T	O
5	0	0	3
- 3	1	4	6

Th	H	T	O
6	0	0	1
- 1	4	0	9

Th	H	T	O
8	0	0	5
- 1	2	9	9

Th	H	T	O
9	0	0	0
- 6	6	3	4

Th	H	T	O
5	0	0	5
- 3	4	7	6

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Name _____ Date _____

Borrowing across zeros

No tens and no hundreds? Open a thousand first.

	Th	H	T	O
	7	0	0	2
-	3	8	4	4

	Th	H	T	O
	9	0	0	2
-	2	0	9	9

	Th	H	T	O
	6	0	0	6
-	3	7	4	7

	Th	H	T	O
	7	0	0	8
-	3	4	5	9

	Th	H	T	O
	9	0	0	0
-	5	4	3	8

	Th	H	T	O
	8	0	0	8
-	3	7	4	9

	Th	H	T	O
	6	0	0	5
-	4	2	2	9

	Th	H	T	O
	9	0	0	3
-	2	7	7	5

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ANSWERS

4 Digit Subtraction

For the grown-up.

Sheet 1: 3769-767=3002 3659-333=3326 8964-731=8233 8373-330=8043
8773-242=8531 3279-262=3017 4996-255=4741 5735-702=5033

Sheet 2: 8282-222=8060 4775-145=4630 9843-843=9000 9701-401=9300
8884-544=8340 4764-260=4504 7477-265=7212 4664-460=4204

Sheet 3: 5967-941=5026 3769-663=3106 5865-332=5533 3986-301=3685
1977-843=1134 2986-511=2475 7467-355=7112 6813-213=6600

Sheet 4: 2349-120=2229 4997-292=4705 6841-221=6620 1499-344=1155
8959-223=8736 4372-242=4130 8767-714=8053 6443-433=6010

Sheet 5: 7544-4131=3413 9479-2223=7256 9999-4508=5491 9728-2623=7105
6879-1853=5026 8892-6382=2510 8611-7301=1310 9921-3420=6501

Sheet 6: 6992-4521=2471 4298-1125=3173 6567-1201=5366 6519-2303=4216
4992-1591=3401 8678-6643=2035 9897-2392=7505 2637-1417=1220

Sheet 7: 7777-1552=6225 7927-1511=6416 7837-4516=3321 8589-7024=1565
6853-5640=1213 8765-6265=2500 5878-4276=1602 7769-1649=6120

Sheet 8: 9837-6320=3517 6799-1173=5626 8269-7239=1030 2465-1223=1242
8347-4223=4124 5166-3016=2150 4379-3053=1326 9989-2952=7037

Sheet 9: 7875-5539=2336 9983-4869=5114 5651-3029=2622 9451-5108=4343
8770-1542=7228 4676-3158=1518 5992-2907=3085 8840-5106=3734

Sheet 10: 5793-2445=3348 9992-1417=8575 4860-3626=1234 9844-5116=4728
4453-2228=2225 4922-3207=1715 4381-2112=2269 3860-1435=2425

Sheet 11: 8375-5228=3147 8955-2126=6829 9397-5238=4159 4822-1605=3217
2371-1106=1265 7891-4709=3182 5666-1647=4019 9485-1416=8069

Sheet 12: 8393-6204=2189 7921-1505=6416 8130-3115=5015 3690-1416=2274
7620-2209=5411 9875-2066=7809 5582-1479=4103 9771-3555=6216

Sheet 13: 8752-4599=4153 9531-3393=6138 3743-2684=1059 8932-2437=6495
5540-3448=2092 4820-1767=3053 5943-3397=2546 6142-5044=1098

Sheet 14: 7145-5078=2067 8267-2188=6079 6651-4268=2383 6488-5289=1199
9912-4516=5396 7700-2325=5375 8872-5697=3175 7520-1458=6062

ANSWERS

4 Digit Subtraction

For the grown-up - continued.

Sheet 15:	5748-2249=3499	6502-5494=1008	9932-3845=6087	7736-1238=6498
	6742-1066=5676	8604-6485=2119	8465-3086=5379	5935-4087=1848
Sheet 16:	9377-7288=2089	4741-3466=1275	6964-4495=2469	8243-2078=6165
	8925-1339=7586	9555-5057=4498	8502-1255=7247	7802-4227=3575
Sheet 17:	6060-2268=3792	6371-3489=2882	6443-1489=4954	5304-1469=3835
	8676-6698=1978	5003-3554=1449	7242-3768=3474	8415-6457=1958
Sheet 18:	9063-1679=7384	7363-5886=1477	7105-1478=5627	9211-4598=4613
	8302-3405=4897	9082-7098=1984	8184-3296=4888	5820-3995=1825
Sheet 19:	9255-5958=3297	7571-5887=1684	8542-1677=6865	9251-5283=3968
	8742-3865=4877	8437-2579=5858	8500-5834=2666	8210-2712=5498
Sheet 20:	9933-3987=5946	8002-5425=2577	6125-2196=3929	9306-6919=2387
	9910-6918=2992	8635-6979=1656	8531-2835=5696	9614-2888=6726
Sheet 21:	7005-4417=2588	8008-6879=1129	4001-2073=1928	6005-4368=1637
	5003-3259=1744	8001-5556=2445	9005-4006=4999	4000-1431=2569
Sheet 22:	3001-1796=1205	5001-1335=3666	7006-4738=2268	7000-5095=1905
	9001-5713=3288	8004-6656=1348	9001-6185=2816	3004-1185=1819
Sheet 23:	7004-2029=4975	5006-3938=1068	5000-2857=2143	5003-3146=1857
	6001-1409=4592	8005-1299=6706	9000-6634=2366	5005-3476=1529
Sheet 24:	7002-3844=3158	9002-2099=6903	6006-3747=2259	7008-3459=3549
	9000-5438=3562	8008-3749=4259	6005-4229=1776	9003-2775=6228