

Small Sum Searches

List of Contents

Addition Search to 10

Addition Search to 15

Addition Search to 18

Addition Search to 20

Subtraction Search to 5

Subtraction Search to 6

Subtraction Search to 7

Subtraction Search to 10

Mixed Search to 6

Mixed Search to 10

Addition Search to 10

The grid contains a mixture of numbers and the two symbols $+$ and $=$.

The object is to find some numbers and symbols, which are next to each other and all in the same straight line, so that the sum they form has an answer of **10 or less**. The straight line may run up and down, across or diagonally, and may be read in any direction. A number or symbol may be used more than once.

See how many sums you can find. Mark them off as you find them and also write them in on the blank lines. Two have been done already.

The target is **30** sums (but there are more than that).

7	2	9	=	3	+	6	5	+	0	=	5
=	=	=	3	+	7	=	1	0	1	2	8
1	1	0	+	4	=	4	+	4	=	8	=
+	+	+	+	=	2	+	0	=	2	+	3
6	1	9	=	7	+	2	=	0	+	2	+
3	=	0	+	3	5	+	1	=	6	9	5
0	=	0	+	0	+	8	+	9	+	=	+
1	+	1	+	0	4	=	2	+	2	1	5
=	=	3	2	6	=	0	=	+	=	+	=
4	+	1	=	5	9	1	3	+	8	8	1
+	7	+	1	=	8	=	0	+	8	+	0
6	=	3	+	3	+	0	1	=	1	+	9

$$3 + 1 = 4$$

$$10 = 8 + 2$$

<hr/> <hr/> <hr/> <hr/> <hr/> <hr/> <hr/> <hr/> <hr/> <hr/> <hr/> <hr/>	<hr/> <hr/> <hr/> <hr/> <hr/> <hr/> <hr/> <hr/> <hr/> <hr/> <hr/> <hr/>	<hr/> <hr/> <hr/> <hr/> <hr/> <hr/> <hr/> <hr/> <hr/> <hr/> <hr/> <hr/>
---	---	---

Addition Search to 15

The grid contains a mixture of numbers and the two symbols + and =.

The object is to find some numbers and symbols, which are next to each other and all in the same straight line, so that the sum they form has an answer of **more than 10 but not more than 15**. The straight line may run up and down, across or diagonally, and may be read in any direction. A number or symbol may be used more than once.

See how many sums you can find. Mark them off as you find them and also write them in on the blank lines. Three have been done already.

The target is **30** sums (but there are more than that).

9	+	6	=	1	5	2	1	=	2	+	0	1	+	1
1	+	1	1	=	1	1	+	4	=	1	5	+	9	4
+	5	2	+	+	=	3	7	+	8	4	+	2	+	+
1	1	+	1	=	1	2	+	8	+	=	1	1	5	0
3	1	=	0	1	+	3	8	=	6	1	0	1	=	=
+	3	2	=	=	4	1	=	2	=	=	=	+	1	1
1	+	3	1	=	1	=	5	1	1	+	1	2	4	4
1	2	9	1	+	3	5	1	4	4	7	5	=	9	+
=	=	+	+	3	+	+	2	+	+	+	=	1	+	7
7	1	3	2	3	0	8	7	6	1	7	1	3	2	+
+	5	+	6	=	=	=	=	2	1	=	2	6	=	5
4	1	=	3	+	1	1	1	5	=	4	+	1	1	=
9	+	4	=	1	3	4	2	+	3	1	3	2	1	1
0	+	1	2	=	1	2	=	6	+	6	=	1	2	2
3	+	1	1	=	5	+	6	+	8	=	1	4	4	1

$$10 + 2 = 12$$

$$8 + 5 = 13$$

$$15 = 4 + 11$$

Subtraction Search to 6

The grid contains a mixture of numbers and the two symbols - and =.

The object is to find some numbers and symbols, which are next to each other and all in the same straight line, so that the sum they form has an answer of **6 or less**. The straight line may run up and down, across or diagonally, and may be read in any direction. A number or symbol may be used more than once.

See how many sums you can find. Mark them off as you find them and also write them in on the blank lines. Three have been done already.

The target is **25** sums (but there are more than that).

1	2	-	6	0	2	-	2	=	0	=	7
=	7	1	=	1	-	2	-	0	=	2	-
3	3	4	3	4	=	2	4	3	3	-	7
-	-	4	=	5	=	=	=	=	-	2	=
4	=	3	-	7	2	0	2	1	3	6	0
-	-	7	-	-	-	=	-	-	-	-	-
7	4	6	6	-	3	7	-	4	=	3	0
=	=	-	-	-	-	-	=	0	=	=	=
1	4	0	5	1	6	2	1	2	5	3	0
=	-	=	=	-	=	=	-	-	3	=	=
3	3	6	1	-	4	5	0	5	1	0	5
-	1	=	2	-	3	=	=	-	4	-	-
6	=	1	-	7	5	-	1	=	4	3	5

$$5 - 2 = 3$$

$$7 - 3 = 4$$

$$2 = 4 - 2$$

Subtraction Search to 7

The grid contains a mixture of numbers and the two symbols - and =.

The object is to find some numbers and symbols, which are next to each other and all in the same straight line, so that the sum they form has an answer of **7 or less**. The straight line may run up and down, across or diagonally, and may be read in any direction. A number or symbol may be used more than once.

See how many sums you can find. Mark them off as you find them and also write them in on the blank lines. Three have been done already.

The target is **25** sums (but there are more than that).

1	7	-	1	2	=	5	4	1	=	8	-	9
4	8	-	5	=	3	=	6	=	7	-	3	1
-	=	-	-	=	7	-	=	-	-	=	-	9
8	-	7	1	-	1	=	3	-	4	-	1	-
=	=	-	1	1	-	7	6	1	5	=	=	1
6	-	1	=	5	=	1	-	-	-	1	2	4
1	-	5	4	5	1	7	-	1	3	=	4	=
1	=	2	-	1	1	-	1	0	=	1	1	5
-	1	2	1	1	-	5	=	6	2	6	3	5
4	1	-	-	6	8	=	-	-	-	-	-	=
=	1	6	-	4	=	2	7	8	8	9	8	3
7	=	1	0	-	3	=	-	-	=	=	=	-
5	-	4	=	1	5	-	9	=	6	7	5	8

$$16 - 11 = 5$$

$$13 - 6 = 7$$

$$6 = 8 - 2$$

Subtraction Search to 10

The grid contains a mixture of numbers and the two symbols - and =.

The object is to find some numbers and symbols, which are next to each other and all in the same straight line, so that the sum they form has an answer of **10 or less**. The straight line may run up and down, across or diagonally, and may be read in any direction. A number or symbol may be used more than once.

See how many sums you can find. Mark them off as you find them and also write them in on the blank lines. Two have been done already.

The target is **25** sums (but there are more than that).

0	2	=	8	-	0	1	=	7	-	8	2	3
1	0	-	2	=	8	-	2	=	6	1	1	=
4	=	5	-	9	-	8	=	1	9	7	=	5
=	0	8	-	-	-	-	-	6	=	3	-	
1	1	0	-	4	=	6	1	8	5	3	8	8
=	=	0	=	=	7	=	=	=	=	-	-	6
9	0	4	-	5	8	2	5	3	1	0	3	7
-	-	1	3	1	=	-	=	=	=	1	=	4
0	0	0	2	=	0	6	7	9	3	2	5	=
1	1	-	=	1	-	=	-	4	-	=	=	6
2	=	7	-	9	8	9	0	9	4	-	2	-
6	3	=	4	-	7	-	4	-	1	=	2	0
6	=	3	-	9	=	7	9	=	1	-	0	1

 $10 - 8 = 2$

 $8 - 0 = 8$
