

Les additions

1

$$0 + 1 = 1$$
$$1 + 0 = 1$$

2

$$0 + 2 = 2$$
$$2 + 0 = 2$$
$$1 + 1 = 2$$

3

$$0 + 3 = 3$$
$$3 + 0 = 3$$
$$1 + 2 = 3$$
$$2 + 1 = 3$$

4

$$0 + 4 = 4$$
$$4 + 0 = 4$$
$$1 + 3 = 4$$
$$3 + 1 = 4$$
$$2 + 2 = 4$$

5

$$0 + 5 = 5$$
$$5 + 0 = 5$$
$$1 + 4 = 5$$
$$4 + 1 = 5$$
$$2 + 3 = 5$$
$$3 + 2 = 5$$

6

$$0 + 6 = 6$$
$$6 + 0 = 6$$
$$1 + 5 = 6$$
$$5 + 1 = 6$$
$$2 + 4 = 6$$
$$4 + 2 = 6$$
$$3 + 3 = 6$$

7

$$0 + 7 = 7$$
$$7 + 0 = 7$$
$$1 + 6 = 7$$
$$6 + 1 = 7$$
$$2 + 5 = 7$$
$$5 + 2 = 7$$
$$3 + 4 = 7$$
$$4 + 3 = 7$$

8

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

9

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

10

$$0 + 10 = 10$$
$$10 + 0 = 10$$
$$1 + 9 = 10$$
$$9 + 1 = 10$$
$$2 + 8 = 10$$
$$8 + 2 = 10$$
$$3 + 7 = 10$$
$$7 + 3 = 10$$
$$4 + 6 = 10$$
$$6 + 4 = 10$$
$$5 + 5 = 10$$

11

$$0 + 11 = 11$$
$$11 + 0 = 11$$
$$1 + 10 = 11$$
$$10 + 1 = 11$$
$$2 + 9 = 11$$
$$9 + 2 = 11$$
$$3 + 8 = 11$$
$$8 + 3 = 11$$
$$4 + 7 = 11$$
$$7 + 4 = 11$$
$$5 + 6 = 11$$
$$6 + 5 = 11$$

12

$$0 + 12 = 12$$
$$12 + 0 = 12$$
$$1 + 11 = 12$$
$$11 + 1 = 12$$
$$2 + 10 = 12$$
$$10 + 2 = 12$$
$$3 + 9 = 12$$
$$9 + 3 = 12$$
$$4 + 8 = 12$$
$$8 + 4 = 12$$
$$5 + 7 = 12$$
$$7 + 5 = 12$$
$$6 + 6 = 12$$

13

$$0 + 13 = 13$$
$$13 + 0 = 13$$
$$1 + 12 = 13$$
$$12 + 1 = 13$$
$$2 + 11 = 13$$
$$11 + 2 = 13$$
$$3 + 10 = 13$$
$$10 + 3 = 13$$
$$4 + 9 = 13$$
$$9 + 4 = 13$$
$$5 + 8 = 13$$
$$8 + 5 = 13$$
$$6 + 7 = 13$$
$$7 + 6 = 13$$

14

$$0 + 14 = 14$$
$$14 + 0 = 14$$
$$1 + 13 = 14$$
$$13 + 1 = 14$$
$$2 + 12 = 14$$
$$12 + 2 = 14$$
$$3 + 11 = 14$$
$$11 + 3 = 14$$
$$4 + 10 = 14$$
$$10 + 4 = 14$$
$$5 + 9 = 14$$
$$9 + 5 = 14$$
$$6 + 8 = 14$$
$$8 + 6 = 14$$
$$7 + 7 = 14$$

15

$$0 + 15 = 15$$
$$15 + 0 = 15$$
$$1 + 14 = 15$$
$$14 + 1 = 15$$
$$2 + 13 = 15$$
$$13 + 2 = 15$$
$$3 + 12 = 15$$
$$12 + 3 = 15$$
$$4 + 11 = 15$$
$$11 + 4 = 15$$
$$5 + 10 = 15$$
$$10 + 5 = 15$$
$$6 + 9 = 15$$
$$9 + 6 = 15$$
$$7 + 8 = 15$$
$$8 + 7 = 15$$

16

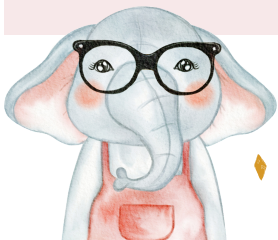
$$0 + 16 = 16$$
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$$12 + 4 = 16$$
$$5 + 11 = 16$$
$$11 + 5 = 16$$
$$6 + 10 = 16$$
$$10 + 6 = 16$$
$$7 + 9 = 16$$
$$9 + 7 = 16$$
$$8 + 8 = 16$$

17

$$0 + 17 = 17$$
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$$1 + 16 = 17$$
$$16 + 1 = 17$$
$$2 + 15 = 17$$
$$15 + 2 = 17$$
$$3 + 14 = 17$$
$$14 + 3 = 17$$
$$4 + 13 = 17$$
$$13 + 4 = 17$$
$$5 + 12 = 17$$
$$12 + 5 = 17$$
$$6 + 11 = 17$$
$$11 + 6 = 17$$
$$7 + 10 = 17$$
$$10 + 7 = 17$$
$$8 + 9 = 17$$
$$9 + 8 = 17$$

18

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$$2 + 16 = 18$$
$$16 + 2 = 18$$
$$3 + 15 = 18$$
$$15 + 3 = 18$$
$$4 + 14 = 18$$
$$14 + 4 = 18$$
$$5 + 13 = 18$$
$$13 + 5 = 18$$
$$6 + 12 = 18$$
$$12 + 6 = 18$$
$$7 + 11 = 18$$
$$11 + 7 = 18$$
$$8 + 10 = 18$$
$$10 + 8 = 18$$
$$9 + 9 = 18$$



Les soustractions

1

$$1 - 0 = 1$$
$$1 - 1 = 0$$

2

$$2 - 0 = 2$$
$$2 - 1 = 1$$
$$2 - 2 = 0$$

3

$$3 - 0 = 3$$
$$3 - 1 = 2$$
$$3 - 2 = 1$$
$$3 - 3 = 0$$

4

$$4 - 0 = 4$$
$$4 - 1 = 3$$
$$4 - 2 = 2$$
$$4 - 3 = 1$$
$$4 - 4 = 0$$

5

$$5 - 0 = 5$$
$$5 - 1 = 4$$
$$5 - 2 = 3$$
$$5 - 3 = 2$$
$$5 - 4 = 1$$
$$5 - 5 = 0$$

6

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



7

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

8

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

9

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

10

$$10 - 0 = 10$$
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$$10 - 3 = 7$$
$$10 - 4 = 6$$
$$10 - 5 = 5$$
$$10 - 6 = 4$$
$$10 - 7 = 3$$
$$10 - 8 = 2$$
$$10 - 9 = 1$$
$$10 - 10 = 0$$

11

$$11 - 0 = 11$$
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$$11 - 3 = 8$$
$$11 - 4 = 7$$
$$11 - 5 = 6$$
$$11 - 6 = 5$$
$$11 - 7 = 4$$
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$$11 - 10 = 1$$
$$11 - 11 = 0$$

12

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13

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14

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15

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$$15 - 14 = 1$$
$$15 - 15 = 0$$

16

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17

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18

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$$18 - 17 = 1$$
$$18 - 18 = 0$$