

Étude

des jeux d'addition et de soustraction



Jeux d'addition

Jeu du 1

$1 + 0 = 1$

$0 + 1 = 1$

$1 + 1 = 2$

Jeu du 2

$2 + 0 = 2$

$0 + 2 = 2$

$2 + 1 = 3$

$1 + 2 = 3$

$2 + 2 = 4$

Jeu du 3

$3 + 0 = 3$

$0 + 3 = 3$

$3 + 1 = 4$

$1 + 3 = 4$

$3 + 2 = 5$

$2 + 3 = 5$

$3 + 3 = 6$

Jeu du 4

$4 + 0 = 4$

$0 + 4 = 4$

$4 + 1 = 5$

$1 + 4 = 5$

$4 + 2 = 6$

$2 + 4 = 6$

$4 + 3 = 7$

$3 + 4 = 7$

$4 + 4 = 8$

Jeu du 5

$5 + 0 = 5$

$0 + 5 = 5$

$5 + 1 = 6$

$1 + 5 = 6$

$5 + 2 = 7$

$2 + 5 = 7$

$5 + 3 = 8$

$3 + 5 = 8$

$5 + 4 = 9$

$4 + 5 = 9$

$5 + 5 = 10$

Jeu du 6

$6 + 0 = 6$

$0 + 6 = 6$

$6 + 1 = 7$

$1 + 6 = 7$

$6 + 2 = 8$

$2 + 6 = 8$

$6 + 3 = 9$

$3 + 6 = 9$

$6 + 4 = 10$

$4 + 6 = 10$

$6 + 5 = 11$

$5 + 6 = 11$

$6 + 6 = 12$

Jeu du 7

$7 + 0 = 7$

$0 + 7 = 7$

$7 + 1 = 8$

$1 + 7 = 8$

$7 + 2 = 9$

$2 + 7 = 9$

$7 + 3 = 10$

$3 + 7 = 10$

$7 + 4 = 11$

$4 + 7 = 11$

$7 + 5 = 12$

$5 + 7 = 12$

$7 + 6 = 13$

$6 + 7 = 13$

$7 + 7 = 14$

Jeu du 8

$8 + 0 = 8$

$0 + 8 = 8$

$8 + 1 = 9$

$1 + 8 = 9$

$8 + 2 = 10$

$2 + 8 = 10$

$8 + 3 = 11$

$3 + 8 = 11$

$8 + 4 = 12$

$4 + 8 = 12$

$8 + 5 = 13$

$5 + 8 = 13$

$8 + 6 = 14$

$6 + 8 = 14$

$8 + 7 = 15$

$7 + 8 = 15$

$8 + 8 = 16$

Jeu du 9

$9 + 0 = 9$

$0 + 9 = 9$

$9 + 1 = 10$

$1 + 9 = 10$

$9 + 2 = 11$

$2 + 9 = 11$

$9 + 3 = 12$

$3 + 9 = 12$

$9 + 4 = 13$

$4 + 9 = 13$

$9 + 5 = 14$

$5 + 9 = 14$

$9 + 6 = 15$

$6 + 9 = 15$

$9 + 7 = 16$

$7 + 9 = 16$

$9 + 8 = 17$

$8 + 9 = 17$

$9 + 9 = 18$



Jeux de soustraction

Jeu du **1**

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

Jeu du **2**

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

Jeu du **3**

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

Jeu du **4**

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

Jeu du **5**

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

Jeu du **6**

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

Jeu du **7**

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

Jeu du **8**

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

Jeu du **9**

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

Jeu du **10**

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

Jeu du **11**

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



Jeu du 12

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

Jeu du 13

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

Jeu du 14

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

Jeu du 15

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

Jeu du 16

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

Jeu du 17

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

Jeu du 18

$18 - 0 = 18$	$18 - 18 = 0$
$18 - 1 = 17$	$18 - 17 = 1$
$18 - 2 = 16$	$18 - 16 = 2$
$18 - 3 = 15$	$18 - 15 = 3$
$18 - 4 = 14$	$18 - 14 = 4$
$18 - 5 = 13$	$18 - 13 = 5$
$18 - 6 = 12$	$18 - 12 = 6$
$18 - 7 = 11$	$18 - 11 = 7$
$18 - 8 = 10$	$18 - 10 = 8$
$18 - 9 = 9$	

Jeu du 19

$19 - 0 = 19$	$19 - 19 = 0$
$19 - 1 = 18$	$19 - 18 = 1$
$19 - 2 = 17$	$19 - 17 = 2$
$19 - 3 = 16$	$19 - 16 = 3$
$19 - 4 = 15$	$19 - 15 = 4$
$19 - 5 = 14$	$19 - 14 = 5$
$19 - 6 = 13$	$19 - 13 = 6$
$19 - 7 = 12$	$19 - 12 = 7$
$19 - 8 = 11$	$19 - 11 = 8$
$19 - 9 = 10$	$19 - 10 = 9$

Jeu du 20

$20 - 0 = 20$	$20 - 20 = 0$
$20 - 1 = 19$	$20 - 19 = 1$
$20 - 2 = 18$	$20 - 18 = 2$
$20 - 3 = 17$	$20 - 17 = 3$
$20 - 4 = 16$	$20 - 16 = 4$
$20 - 5 = 15$	$20 - 15 = 5$
$20 - 6 = 14$	$20 - 14 = 6$
$20 - 7 = 13$	$20 - 13 = 7$
$20 - 8 = 12$	$20 - 12 = 8$
$20 - 9 = 11$	$20 - 11 = 9$
$20 - 10 = 10$	



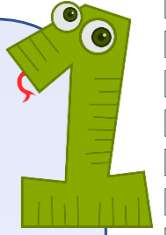
Quelques stratégies

Stratégie + 0



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

Stratégie + 1



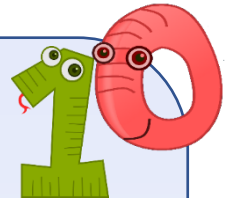
$0 + 1 = 1$	$1 + 0 = 1$
$1 + 1 = 2$	$1 + 1 = 2$
$2 + 1 = 3$	$1 + 2 = 3$
$3 + 1 = 4$	$1 + 3 = 4$
$4 + 1 = 5$	$1 + 4 = 5$
$5 + 1 = 6$	$1 + 5 = 6$
$6 + 1 = 7$	$1 + 6 = 7$
$7 + 1 = 8$	$1 + 7 = 8$
$8 + 1 = 9$	$1 + 8 = 9$
$9 + 1 = 10$	$1 + 9 = 10$
$10 + 1 = 11$	$1 + 10 = 11$



Stratégie + 2

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

Stratégie + 10



$0 + 10 = 10$	$10 + 0 = 10$
$1 + 10 = 11$	$10 + 1 = 11$
$2 + 10 = 12$	$10 + 2 = 12$
$3 + 10 = 13$	$10 + 3 = 13$
$4 + 10 = 14$	$10 + 4 = 14$
$5 + 10 = 15$	$10 + 5 = 15$
$6 + 10 = 16$	$10 + 6 = 16$
$7 + 10 = 17$	$10 + 7 = 17$
$8 + 10 = 18$	$10 + 8 = 18$
$9 + 10 = 19$	$10 + 9 = 19$
$10 + 10 = 20$	$10 + 10 = 20$





Stratégie + 9

(Additionne presque 10)

$0 + 9 = 9$	$9 + 0 = 9$
$1 + 9 = 10$	$9 + 1 = 10$
$2 + 9 = 11$	$9 + 2 = 11$
$3 + 9 = 12$	$9 + 3 = 12$
$4 + 9 = 13$	$9 + 4 = 13$
$5 + 9 = 14$	$9 + 5 = 14$
$6 + 9 = 15$	$9 + 6 = 15$
$7 + 9 = 16$	$9 + 7 = 16$
$8 + 9 = 17$	$9 + 8 = 17$
$9 + 9 = 18$	$9 + 9 = 18$
$10 + 9 = 19$	$9 + 10 = 19$



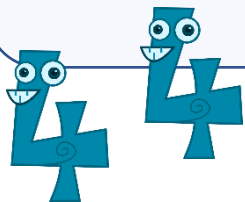
Stratégie + 8

(Additionne presque 10)

$0 + 8 = 8$	$8 + 0 = 8$
$1 + 8 = 9$	$8 + 1 = 9$
$2 + 8 = 10$	$8 + 2 = 10$
$3 + 8 = 11$	$8 + 3 = 11$
$4 + 8 = 12$	$8 + 4 = 12$
$5 + 8 = 13$	$8 + 5 = 13$
$6 + 8 = 14$	$8 + 6 = 14$
$7 + 8 = 15$	$8 + 7 = 15$
$8 + 8 = 16$	$8 + 8 = 16$
$9 + 8 = 17$	$8 + 9 = 17$
$10 + 8 = 18$	$8 + 10 = 18$

Doubles

$1 + 1 = 2$
$2 + 2 = 4$
$3 + 3 = 6$
$4 + 4 = 8$
$5 + 5 = 10$
$6 + 6 = 12$
$7 + 7 = 14$
$8 + 8 = 16$
$9 + 9 = 18$
$10 + 10 = 20$



Doubles + 1

$1 + 2 = 3$
$2 + 3 = 5$
$3 + 4 = 7$
$4 + 5 = 9$
$5 + 6 = 11$
$6 + 7 = 13$
$7 + 8 = 15$
$8 + 9 = 17$
$9 + 10 = 19$



Doubles -1

$1 + 0 = 1$
$2 + 1 = 3$
$3 + 2 = 5$
$4 + 3 = 7$
$5 + 4 = 9$
$6 + 5 = 11$
$7 + 6 = 13$
$8 + 7 = 15$
$9 + 8 = 17$
$10 + 9 = 19$



Doubles + 2

$1 + 3 = 4$
$2 + 4 = 6$
$3 + 5 = 8$
$4 + 6 = 10$
$5 + 7 = 12$
$6 + 8 = 14$
$7 + 9 = 16$
$8 + 10 = 18$
$9 + 11 = 20$



Les complémentaires



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



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



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



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



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



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



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



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



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



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



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



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





$$10 + 3 = 13$$

$$9 + 4 = 13$$

$$8 + 5 = 13$$

$$7 + 6 = 13$$

$$6 + 7 = 13$$

$$5 + 8 = 13$$

$$4 + 9 = 13$$

$$3 + 10 = 13$$

$$2 + 11 = 13$$

$$1 + 12 = 13$$

$$0 + 13 = 13$$



$$10 + 4 = 14$$

$$9 + 5 = 14$$

$$8 + 6 = 14$$

$$7 + 7 = 14$$

$$6 + 8 = 14$$

$$5 + 9 = 14$$

$$4 + 10 = 14$$

$$3 + 11 = 14$$

$$2 + 12 = 14$$

$$1 + 13 = 14$$

$$0 + 14 = 14$$



$$10 + 5 = 15$$

$$9 + 6 = 15$$

$$8 + 7 = 15$$

$$7 + 8 = 15$$

$$6 + 9 = 15$$

$$5 + 10 = 15$$

$$4 + 11 = 15$$

$$3 + 12 = 15$$

$$2 + 13 = 15$$

$$1 + 14 = 15$$

$$0 + 15 = 15$$



$$10 + 6 = 16$$

$$9 + 7 = 16$$

$$8 + 8 = 16$$

$$7 + 9 = 16$$

$$6 + 10 = 16$$

$$5 + 11 = 16$$

$$4 + 12 = 16$$

$$3 + 13 = 16$$

$$2 + 14 = 16$$

$$1 + 15 = 16$$

$$0 + 16 = 16$$



$$10 + 7 = 17$$

$$9 + 8 = 17$$

$$8 + 9 = 17$$

$$7 + 10 = 17$$

$$6 + 11 = 17$$

$$5 + 12 = 17$$

$$4 + 13 = 17$$

$$3 + 14 = 17$$

$$2 + 15 = 17$$

$$1 + 16 = 17$$

$$0 + 17 = 17$$



$$10 + 8 = 18$$

$$9 + 9 = 18$$

$$8 + 10 = 18$$

$$7 + 11 = 18$$

$$6 + 12 = 18$$

$$5 + 13 = 18$$

$$4 + 14 = 18$$

$$3 + 15 = 18$$

$$2 + 16 = 18$$

$$1 + 17 = 18$$

$$0 + 18 = 18$$



$$10 + 9 = 19$$

$$9 + 10 = 19$$

$$8 + 11 = 19$$

$$7 + 12 = 19$$

$$6 + 13 = 19$$

$$5 + 14 = 19$$

$$4 + 15 = 19$$

$$3 + 16 = 19$$

$$2 + 17 = 19$$

$$1 + 18 = 19$$

$$0 + 19 = 19$$



$$10 + 10 = 20$$

$$9 + 11 = 20$$

$$8 + 12 = 20$$

$$7 + 13 = 20$$

$$6 + 14 = 20$$

$$5 + 15 = 20$$

$$4 + 16 = 20$$

$$3 + 17 = 20$$

$$2 + 18 = 20$$

$$1 + 19 = 20$$

$$0 + 20 = 20$$

