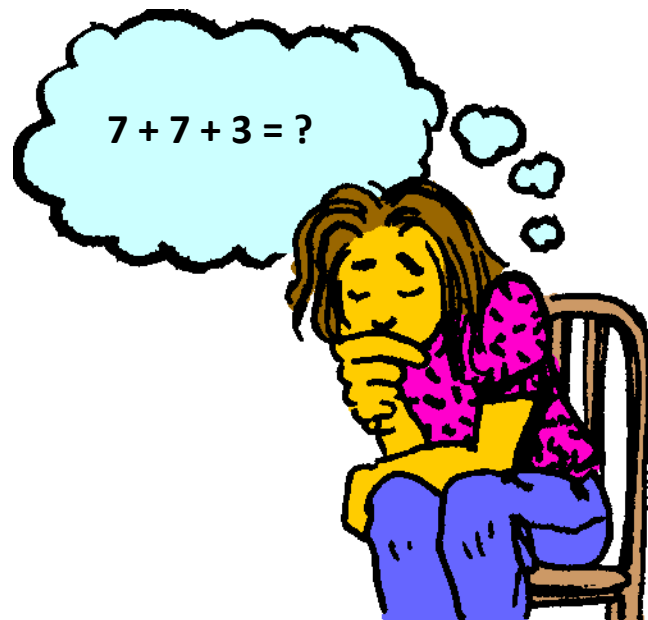


nom - prénom .....

**Calcul réfléchi**

**Calcul mental**

**1ère période**



1

Ajouter un petit nombre à un nombre de 1 chiffre .

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

2

Complète la suite des nombres de 1 à 20

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

**1**

Ajouter un petit nombre à un nombre de 1 chiffre .

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

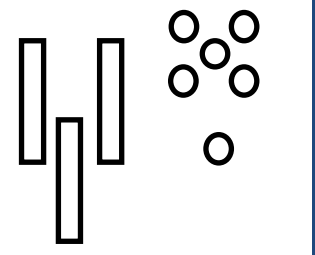
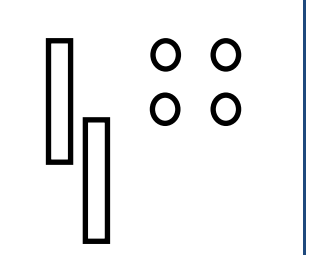
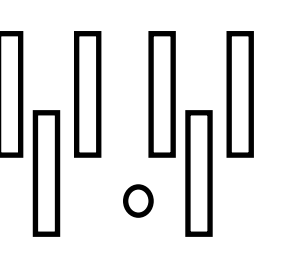
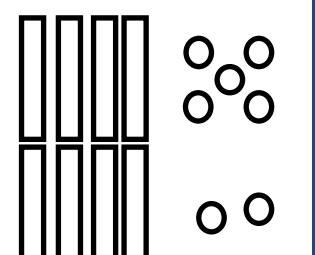
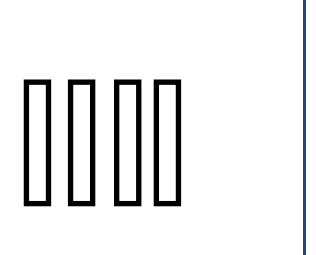
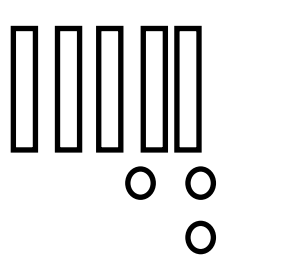
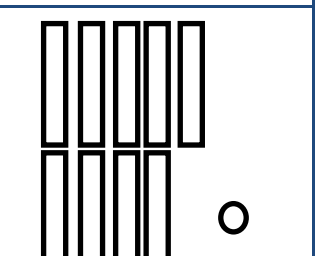
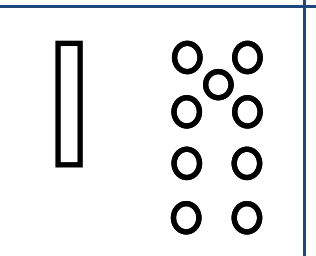
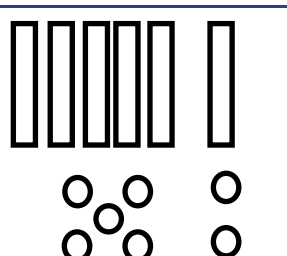
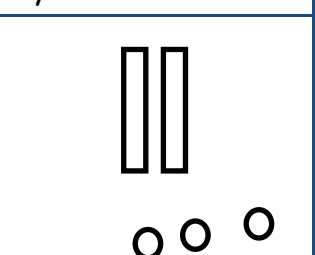
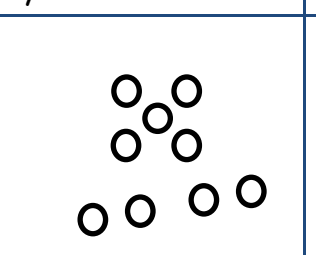
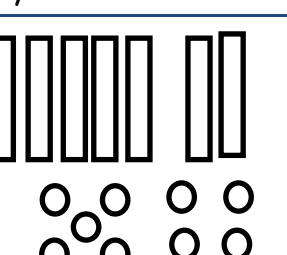
**2**

Complète la suite des nombres de 1 à 20

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

3

## Dizaines et unités

		
Il y a ..... d et ..... u	Il y a ..... d et ..... u	Il y a ..... d et ..... u
		
Il y a ..... d et ..... u	Il y a ..... d et ..... u	Il y a ..... d et ..... u
		
Il y a ..... d et ..... u	Il y a ..... d et ..... u	Il y a ..... d et ..... u
		
Il y a ..... d et ..... u	Il y a ..... d et ..... u	Il y a ..... d et ..... u

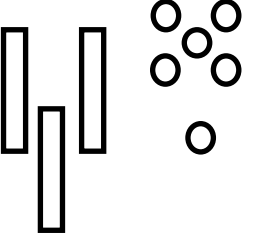
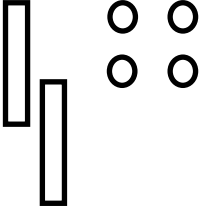
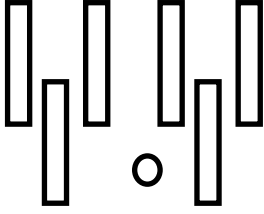
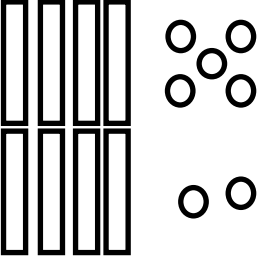
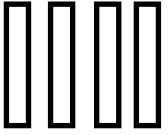
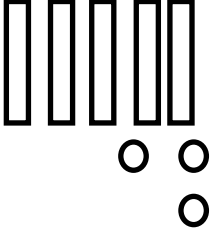
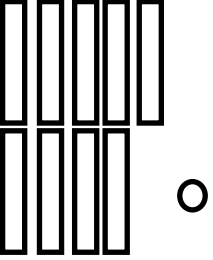
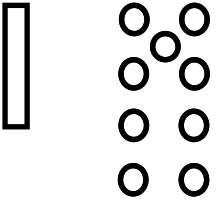
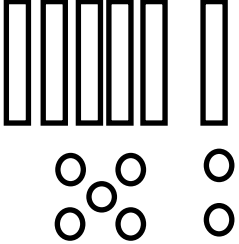

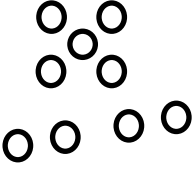
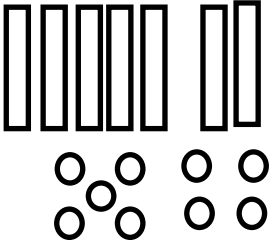
4

## Ajouter 2 retrancher 2

$9 + 2 = \dots\dots$	$5 - 2 =$	$2 + \dots = 12$	$12 - 2 = \dots\dots$
$4 + 2 = \dots\dots$	$3 - 2 =$	$2 + \dots = 10$	$4 - 2 = \dots\dots$
$7 + 2 = \dots\dots$	$8 - 2 =$	$2 + \dots = 8$	$7 - 2 = \dots\dots$
$5 + 2 = \dots\dots$	$4 - 2 =$	$2 + \dots = 6$	$5 - 2 = \dots\dots$
$11 - 2 = \dots\dots$	$2 + \dots = 2$	$6 + 2 = \dots\dots$	$2 + \dots = 6$
$7 - 2 = \dots\dots$	$2 + \dots = 8$	$8 + 2 = \dots\dots$	$2 + \dots = 11$
$9 - 2 = \dots\dots$	$2 + \dots = 5$	$9 + 2 = \dots\dots$	$2 + \dots = 9$
$8 - 2 = \dots\dots$	$2 + \dots = 6$	$7 + 2 = \dots\dots$	$2 + \dots = 7$
$2 + \dots = 12$	$8 + 2 = \dots\dots$	$4 - 2 = \dots\dots$	$2 + \dots = 12$
$2 + \dots = 3$	$9 + 2 = \dots\dots$	$8 - 2 = \dots\dots$	$2 + \dots = 4$
$2 + \dots = 7$	$5 + 2 = \dots\dots$	$2 - 2 = \dots\dots$	$2 + \dots = 11$
$2 + \dots = 9$	$4 + 2 = \dots\dots$	$12 - 2 = \dots\dots$	$2 + \dots = 10$
$5 + 2 = \dots\dots$	$9 - 2 = \dots\dots$	$2 + \dots = 12$	$8 - 2 = \dots\dots$
$3 + 2 = \dots\dots$	$12 - 2 = \dots\dots$	$2 + \dots = 10$	$4 - 2 = \dots\dots$
$9 + 2 = \dots\dots$	$7 - 2 = \dots\dots$	$2 + \dots = 8$	$5 - 2 = \dots\dots$
$7 + 2 = \dots\dots$	$6 - 2 = \dots\dots$	$2 + \dots = 6$	$11 - 2 = \dots\dots$
$9 + 2 = \dots\dots$	$7 - 2 = \dots\dots$	$2 + \dots = 8$	$10 - 2 = \dots\dots$
$6 + 2 = \dots\dots$	$9 - 2 = \dots\dots$	$2 + \dots = 7$	$2 - 2 = \dots\dots$
$7 + 2 = \dots\dots$	$6 - 2 = \dots\dots$	$2 + \dots = 12$	$7 - 2 = \dots\dots$
$4 + 2 = \dots\dots$	$9 - 2 = \dots\dots$	$2 + \dots = 5$	$5 - 2 = \dots\dots$

3

## Dizaines et unités

		
Il y a 3 d et 6 u	Il y a 2 d et 4 u	Il y a 6 d et 1 u
		
Il y a 8 d et 7 u	Il y a 4 d et 0 u	Il y a 5 d et 3 u
		
Il y a 9 d et 1 u	Il y a 1 d et 9 u	Il y a 6 d et 7 u
		
Il y a 2 d et 3 u	Il y a 0 d et 9 u	Il y a 7 d et 9 u

4

## Ajouter 2 retrancher 2

$9 + 2 = 11$	$5 - 2 = 3$	$2 + 10 = 12$	$12 - 2 = 10$
$4 + 2 = 6$	$3 - 2 = 01$	$2 + 8 = 10$	$4 - 2 = 2$
$7 + 2 = 9$	$8 - 2 = 6$	$2 + 6 = 8$	$7 - 2 = 5$
$5 + 2 = 7$	$4 - 2 = 2$	$2 + 4 = 6$	$5 - 2 = 3$
$11 - 2 = 9$	$2 + 0 = 2$	$6 + 2 = 8$	$2 + 4 = 6$
$7 - 2 = 9$	$2 + 6 = 8$	$8 + 2 = 10$	$2 + 9 = 11$
$9 - 2 = 7$	$2 + 3 = 5$	$9 + 2 = 11$	$2 + 7 = 9$
$8 - 2 = 6$	$2 + 4 = 6$	$7 + 2 = 9$	$2 + 5 = 7$
$2 + 10 = 12$	$8 + 2 = 10$	$4 - 2 = 2$	$2 + 10 = 12$
$2 + 1 = 3$	$9 + 2 = 11$	$8 - 2 = 6$	$2 + 6 = 4$
$2 + 5 = 7$	$5 + 2 = 7$	$2 - 2 = 0$	$2 + 9 = 11$
$2 + 7 = 9$	$4 + 2 = 6$	$12 - 2 = 10$	$2 + 8 = 10$
$5 + 2 = 7$	$9 - 2 = 7$	$2 + 10 = 12$	$8 - 2 = 6$
$3 + 2 = 5$	$12 - 2 = 10$	$2 + 8 = 10$	$4 - 2 = 2$
$9 + 2 = 11$	$7 - 2 = 5$	$2 + 6 = 8$	$5 - 2 = 3$
$7 + 2 = 9$	$6 - 2 = 4$	$2 + 4 = 6$	$11 - 2 = 9$
$9 + 2 = 11$	$7 - 2 = 5$	$2 + 6 = 8$	$10 - 2 = 8$
$6 + 2 = 8$	$9 - 2 = 7$	$2 + 5 = 7$	$2 - 2 = 0$
$7 + 2 = 9$	$6 - 2 = 4$	$2 + 10 = 12$	$7 - 2 = 5$
$4 + 2 = 6$	$9 - 2 = 7$	$2 + 3 = 5$	$5 - 2 = 3$

**5**

## Complément à 10

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

**6**

## Nombres en lettres de 0 à 15

Treize .....	14 : _____
Sept : .....	12 : _____
Trois : .....	8 : _____
Un : .....	2 : _____
trois .....	11 : _____
neuf : .....	7 : _____
quinze : .....	1 : _____
quatre : .....	3 : _____
deux .....	4 : _____
cinq : .....	6 : _____
quatorze: .....	12 : _____
huit: .....	5 : _____
six .....	9 : _____
dix : .....	13 : _____
onze: .....	10 : _____
douze: .....	15 : _____
treize .....	14 : _____
sept: .....	8 : _____
cinq : .....	12 : _____
quatorze: .....	13 : _____

5

## Complément à 10

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

6

## Nombres en lettres de 0 à 15

Treize 13	14 : quatorze
Sept : 7.	12 : douze
Trois : 3	8 : huit
Un : 1	
trois 3	11 : onze
neuf 9	7 : sept
quinze : 15	1 : un
quatre 4	3 : trois
deux : 2	4 : quatre
cinq : 5	6 : six
quatorze : 14	12 : douze
huit : 8	5 : cinq
six ; 6	9 : neuf
dix : 10	13 : treize
onze : 11	10 : dix
douze : 12	15 : quinze
treize 13	14 quatorze
sept : 7	8 : huit
cinq : 5	12 : douze
quatorze : 14	13 : treize

7

Ajouter retrancher 3

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

8

encadrer des nombres (nombres qui précède et qui suit)

$\dots\dots < 14 < \dots\dots$	$\dots\dots < 19 < \dots\dots$	$\dots\dots < 16 < \dots\dots$	$\dots\dots < 9 < \dots\dots$
$\dots\dots < 13 < \dots\dots$	$\dots\dots < 13 < \dots\dots$	$\dots\dots < 18 < \dots\dots$	$\dots\dots < 14 < \dots\dots$
$\dots\dots < 15 < \dots\dots$	$\dots\dots < 17 < \dots\dots$	$\dots\dots < 17 < \dots\dots$	$\dots\dots < 12 < \dots\dots$
$\dots\dots < 25 < \dots\dots$	$\dots\dots < 27 < \dots\dots$	$\dots\dots < 20 < \dots\dots$	$\dots\dots < 26 < \dots\dots$
$\dots\dots < 26 < \dots\dots$	$\dots\dots < 21 < \dots\dots$	$\dots\dots < 28 < \dots\dots$	$\dots\dots < 23 < \dots\dots$
$\dots\dots < 22 < \dots\dots$	$\dots\dots < 24 < \dots\dots$	$\dots\dots < 25 < \dots\dots$	$\dots\dots < 21 < \dots\dots$
$\dots\dots < 39 < \dots\dots$	$\dots\dots < 32 < \dots\dots$	$\dots\dots < 36 < \dots\dots$	$\dots\dots < 39 < \dots\dots$
$\dots\dots < 34 < \dots\dots$	$\dots\dots < 35 < \dots\dots$	$\dots\dots < 34 < \dots\dots$	$\dots\dots < 32 < \dots\dots$
$\dots\dots < 38 < \dots\dots$	$\dots\dots < 31 < \dots\dots$	$\dots\dots < 39 < \dots\dots$	$\dots\dots < 34 < \dots\dots$
$\dots\dots < 47 < \dots\dots$	$\dots\dots < 44 < \dots\dots$	$\dots\dots < 48 < \dots\dots$	$\dots\dots < 50 < \dots\dots$
$\dots\dots < 48 < \dots\dots$	$\dots\dots < 42 < \dots\dots$	$\dots\dots < 44 < \dots\dots$	$\dots\dots < 42 < \dots\dots$
$\dots\dots < 43 < \dots\dots$	$\dots\dots < 46 < \dots\dots$	$\dots\dots < 45 < \dots\dots$	$\dots\dots < 41 < \dots\dots$
$\dots\dots < 57 < \dots\dots$	$\dots\dots < 54 < \dots\dots$	$\dots\dots < 56 < \dots\dots$	$\dots\dots < 53 < \dots\dots$
$\dots\dots < 52 < \dots\dots$	$\dots\dots < 50 < \dots\dots$	$\dots\dots < 53 < \dots\dots$	$\dots\dots < 55 < \dots\dots$
$\dots\dots < 51 < \dots\dots$	$\dots\dots < 56 < \dots\dots$	$\dots\dots < 57 < \dots\dots$	$\dots\dots < 54 < \dots\dots$



7

Ajouter retrancher 3

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

8

encadrer des nombres (nombres qui précède et qui suit)

$13 < 14 < 15$	$18 < 19 < 20$	$15 < 16 < 17$	$8 < 9 < 10$
$12 < 13 < 14$	$12 < 13 < 14$	$17 < 18 < 19$	$13 < 14 < 15$
$14 < 15 < 16$	$16 < 17 < 18$	$16 < 17 < 18$	$\dots 11 < 12 < 13$
$24 < 25 < 26$	$26 < 27 < 28$	$19 < 20 < 21$	$25 < 26 < 27$
$25 < 26 < 27$	$20 < 21 < 22$	$27 < 28 < 29$	$22 < 23 < 24$
$21 < 22 < 23$	$23 < 24 < 25$	$24 < 25 < 26$	$20 < 21 < 22$
$38 < 39 < 40$	$31 < 32 < 33$	$35 < 36 < 37$	$38 < 39 < 40$
$33 < 34 < 35$	$34 < 35 < 36$	$33 < 34 < 35$	$31 < 32 < 33$
$37 < 38 < 39$	$30 < 31 < 32$	$38 < 39 < 40$	$33 < 34 < 35$
$46 < 47 < 48$	$43 < 44 < 45$	$47 < 48 < 49$	$49 < 50 < 51$
$47 < 48 < 49$	$41 < 42 < 43$	$43 < 44 < 45$	$41 < 42 < 43$
$42 < 43 < 44$	$45 < 46 < 47$	$44 < 45 < 46$	$40 < 41 < 42$
$56 < 57 < 58$	$53 < 54 < 55$	$55 < 56 < 57$	$52 < 53 < 54$
$51 < 52 < 53$	$49 < 50 < 51$	$52 < 53 < 54$	$52 < 55 < 56$
$50 < 51 < 52$	$55 < 56 < 57$	$56 < 57 < 58$	$53 < 54 < 55$

**9**

## Ajouter retrancher 4

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

**10**

## Décomposition de nombres

$10 + 10 + 7 = \dots\dots$	$50 + 8 = \dots + \dots + \dots + \dots + \dots + \dots$
$10 + 10 + 10 + 10 + 8 = \dots\dots$	$30 + 6 = \dots + \dots + \dots + \dots$
$10 + 10 + 10 + 10 + 10 + 10 + 5 = \dots\dots$	$40 + 3 = \dots + \dots + \dots + \dots + \dots$
$70 + 8 = \dots\dots$	$36 = \dots + \dots + \dots + \dots$
$10 + 5 = \dots\dots$	$84 = \dots + \dots + \dots + \dots + \dots + \dots + \dots + \dots$
$20 + 2 = \dots\dots$	$+ \dots$
$10 + 10 + 10 + 10 + 3 = \dots\dots$	$40 + 8 = \dots + \dots + \dots + \dots + \dots$
$10 + 10 + 10 + 10 + 10 + 10 + 1 = \dots\dots$	$20 + 4 = \dots + \dots + \dots$
$10 + 10 + 10 + 10 + 10 + 10 = \dots\dots$	$60 + 3 = \dots + \dots + \dots + \dots + \dots + \dots + \dots$
$60 + 6 = \dots\dots$	$58 = \dots + \dots + \dots + \dots + \dots + \dots$
$40 + 0 = \dots\dots$	$34 = \dots + \dots + \dots + \dots$
$70 + 2 = \dots\dots$	$51 = \dots + \dots + \dots + \dots + \dots + \dots + \dots$
$10 + 10 + 10 + 10 + 10 + 6 = \dots\dots$	$75 = \dots + \dots$ $14 = \dots + \dots$
$10 + 10 + 10 + 10 + 8 = \dots\dots$	$62 = \dots + \dots$ $35 = \dots + \dots$
$10 + 10 + 10 + 10 + 10 + 10 + 10 + 10 = \dots\dots$	$98 = \dots + \dots$ $62 = \dots + \dots$
$= \dots\dots$	$45 = \dots + \dots$ $20 = \dots + \dots$

**9**

## Ajouter retrancher 4

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

**10**

## Décomposition de nombres

$10 + 10 + 7 = 27$	$50 + 8 = 10 + 10 + 10 + 10 + 10 + 8$	
$10 + 10 + 10 + 10 + 8 = 48$	$30 + 6 = 10 + 10 + 10 + 6$	
$10 + 10 + 10 + 10 + 10 + 10 + 5 = 65$	$40 + 3 = 10 + 10 + 10 + 10 + 3$	
$70 + 8 = 78$	$36 = 10 + 10 + 10 + 6$	
$10 + 5 = 15$	$84 = 10 + 10 + 10 + 10 + 10 + 10 + 10 + 10 + 4$	
$20 + 2 = 22$		
$10 + 10 + 10 + 10 + 3 = 43$	$40 + 8 = 10 + 10 + 10 + 10 + 8$	
$10 + 10 + 10 + 10 + 10 + 10 + 1 = 61$	$20 + 4 = 10 + 10 + 4$	
$10 + 10 + 10 + 10 + 10 + 10 = 60$	$60 + 3 = 10 + 10 + 10 + 10 + 10 + 10 + 3$	
$60 + 6 = 66$	$58 = 10 + 10 + 10 + 10 + 10 + 8$	
$40 + 0 = 40$	$34 = 10 + 10 + 10 + 4$	
$70 + 2 = 72$	$51 = 10 + 10 + 10 + 10 + 10 + 1$	
$10 + 10 + 10 + 10 + 10 + 6 = 56$	$75 = 70 + 5$	$14 = 10 + 4$
$10 + 10 + 10 + 10 + 8 = 48$	$62 = 60 + 2$	$35 = 30 + 5$
$10 + 10 + 10 + 10 + 10 + 10 + 10 + 10 = 80$	$98 = 90 + 8$	$62 = 60 + 2$
	$45 = 40 + 5$	$20 = 20 + 0$

**11**

## complément à la dizaine supérieure

$12 + \dots = 20$

$17 + \dots = 20$

$18 + \dots = 20$

$15 + \dots = 20$

$3 + \dots = 10$

$5 + \dots = 10$

$1 + \dots = 10$

$9 + \dots = 10$

$57 + \dots = 60$

$37 + \dots = 40$

$58 + \dots = 60$

$25 + \dots = 30$

$31 + \dots = 40$

$55 + \dots = 60$

$18 + \dots = 20$

$49 + \dots = 50$

$22 + \dots = 30$

$27 + \dots = 30$

$28 + \dots = 30$

$25 + \dots = 30$

$33 + \dots = 40$

$35 + \dots = 40$

$31 + \dots = 40$

$39 + \dots = 40$

$43 + \dots = 50$

$54 + \dots = 60$

$48 + \dots = 50$

$22 + \dots = 30$

$23 + \dots = 30$

$15 + \dots = 20$

$21 + \dots = 30$

$33 + \dots = 40$

**12**

## tables + 2 à + 4

$6 + 3 = \dots$

$9 + 3 = \dots$

$7 + 2 = \dots$

$6 + 3 = \dots$

$7 + 2 = \dots$

$5 + 2 = \dots$

$8 + 2 = \dots$

$2 + 3 = \dots$

$8 + 4 = \dots$

$4 + 3 = \dots$

$3 + 4 = \dots$

$9 + 2 = \dots$

$6 + 4 = \dots$

$9 + 3 = \dots$

$8 + 3 = \dots$

$6 + 4 = \dots$

$7 + 1 = \dots$

$3 + 5 = \dots$

$3 + 6 = \dots$

$2 + 4 = \dots$

$4 + 9 = \dots$

$5 + 4 = \dots$

$3 + 5 = \dots$

$9 + 1 = \dots$

$1 + 8 = \dots$

$6 + 1 = \dots$

$6 + 2 = \dots$

$3 + 3 = \dots$

$4 + 6 = \dots$

$4 + 8 = \dots$

$7 + 2 = \dots$

$3 + 6 = \dots$

$7 + 4 = \dots$

$9 + 2 = \dots$

$4 + 4 = \dots$

$8 + 4 = \dots$

$3 + 3 = \dots$

$8 + 4 = \dots$

$8 + 3 = \dots$

$2 + 2 = \dots$

$7 + 3 = \dots$

$6 + 2 = \dots$

$7 + 1 = \dots$

$8 + 2 = \dots$

$2 + 2 = \dots$

$4 + 5 = \dots$

$5 + 3 = \dots$

$7 + 4 = \dots$

$5 + 2 = \dots$

$8 + 2 = \dots$

$9 + 1 = \dots$

$2 + 6 = \dots$

$6 + 4 = \dots$

$4 + 5 = \dots$

$5 + 4 = \dots$

$5 + 3 = \dots$

$8 + 3 = \dots$

$7 + 3 = \dots$

$7 + 4 = \dots$

$2 + 5 = \dots$

$4 + 6 = \dots$

$8 + 2 = \dots$

$2 + 5 = \dots$

$8 + 4 = \dots$

$7 + 2 = \dots$

$4 + 5 = \dots$

$3 + 2 = \dots$

$1 + 6 = \dots$

$9 + 4 = \dots$

$6 + 2 = \dots$

$5 + 3 = \dots$

$8 + 3 = \dots$

**11**

## complément à la dizaine supérieure

$12 + 8 = 20$	$22 + 8 = 30$
$17 + 3 = 20$	$27 + 3 = 30$
$18 + 2 = 20$	$28 + 2 = 30$
$15 + 5 = 20$	$25 + 5 = 30$
$3 + 7 = 10$	$33 + 7 = 40$
$5 + 5 = 10$	$35 + 5 = 40$
$1 + 9 = 10$	$31 + 9 = 40$
$9 + 1 = 10$	$39 + 1 = 40$
$57 + 3 = 60$	$43 + 7 = 50$
$37 + 3 = 40$	$54 + 6 = 60$
$58 + 2 = 60$	$48 + 2 = 50$
$25 + 5 = 30$	$22 + 8 = 30$
$31 + 9 = 40$	$23 + 7 = 30$
$55 + 5 = 60$	$15 + 5 = 20$
$18 + 2 = 20$	$21 + 9 = 30$
$49 + 1 = 50$	$33 + 7 = 40$

**12**

## tables + 2 à + 4

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