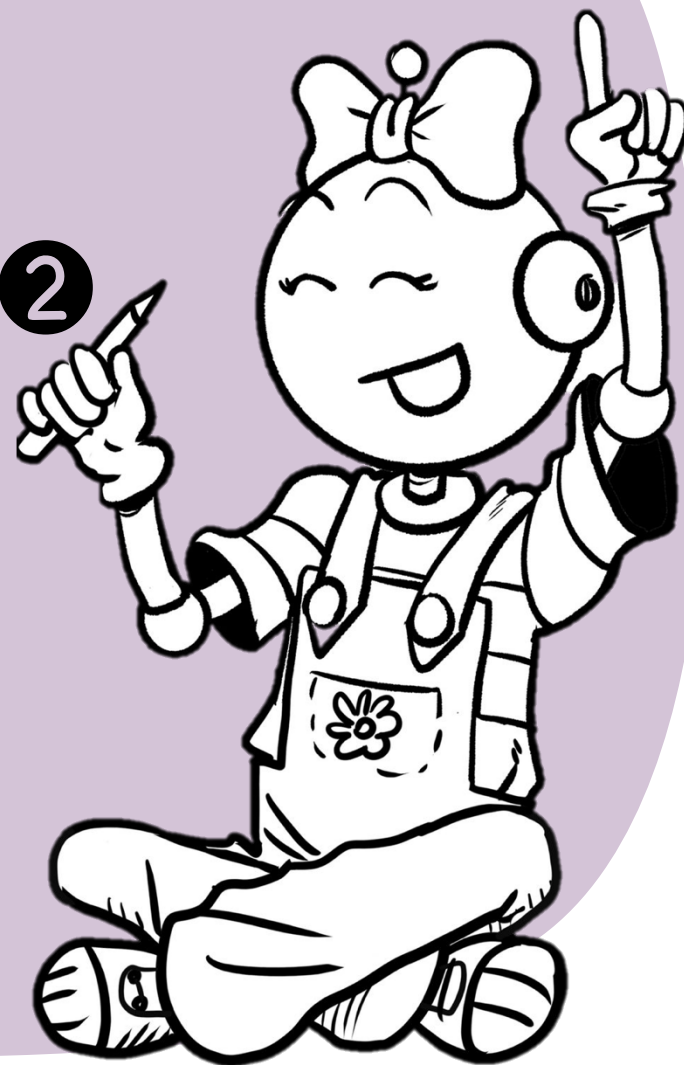


Fluence

Calcul mental CE2

Période 2

1. Les compléments à la dizaine supérieure
2. Compter de 2 en 2 , de 3 en 3 ...etc ...
3. Les doubles
4. Les doubles et les moitiés
5. Vers la multiplication (1)
6. Vers la multiplication (2)
7. Vers la multiplication (3)
8. La multiplication
9. Les tables de X 2, 3
10. Les tables de X 5
11. Les tables d'addition (1)
12. Les tables de X 4



1 Les compléments à la dizaine supérieure En 3 minutes: _ sur 15			
25+ ... = 30	55+ ... = 40	64+ ... = 60	88+ ... = 90
39+ ... = 40	89+ ... = 90	69+ ... = 70	72+ ... = 80
17+ ... = 20	48+ ... = 50	77+ ... = 80	29+ ... = 30
13+ ... = 20	73+ ... = 80	81+ ... = 90	16+ ... = 20



5 Vers la multiplication En 1 minute: _ sur 12			
5 + 5 = ...	5 + 5 + 5 = ...	2 X 3 = ...	2 X 10 = ...
2 X 5 = ...	3 X 5 = ...	2 X 4 = ...	4 X 10 = ...
12 + 12 = ...	6 + 6 + 6 = ...	2 X 6 = ...	6 X 10 = ...
2 X 12 = ...	3 X 6 = ...	2 X 8 = ...	5 X 10 = ...



2 Les suites		Le plus vite possible ! 							
+ 2	42 -	-	-	-	-	-	-	-	-
+ 2	246 -	-	-	-	-	-	-	-	-
+ 5	25 -	-	-	-	-	-	-	-	-
+ 3	20 -	-	-	-	-	-	-	-	-

6 Vers la multiplication En 1 minute: _ sur 12		
10 + 10 + 10 = _ X _ = ...	2 X 5 = ...	5 X 2 = ...
5 + 5 + 5 + 5 = _ X _ = ...	2 X 7 = ...	3 X 10 = ...
2 + 2 + 2 + 2 + 2 = _ X _ = ...	2 X 9 = ...	4 X 100 = ...
10 + 10 + 10 + 10 = _ X _ = ...	2 X 10 = ...	2 X 50 = ...

3 Les doubles		En 1 minute: _ sur 12	
7 + 7 = ...	17 + 17 = ...	14 + 14 = ...	200 + 200 = ...
12 + 12 = ...	16 + 16 = ...	50 + 50 = ...	300 + 300 = ...
20 + 20 = ...	15 + 15 = ...	75 + 75 = ...	100 + 100 = ...
40 + 40 = ...	60 + 60 = ...	25 + 25 = ...	400 + 400 = ...



7 Vers la multiplication En 1 minute: _ sur 12		
20 + 20 + 20 = _ X _ = ...	3 X 5 = ...	5 X 4 = ...
6 + 6 + 6 + 6 = _ X _ = ...	10 X 7 = ...	9 X 10 = ...
3 + 3 + 3 + 3 + 3 = _ X _ = ...	10 X 9 = ...	5 X 100 = ...
20 + 20 + 20 + 20 = _ X _ = ...	2 X 100 = ...	4 X 50 = ...



4 Les doubles et moitiés		En 1 minute: _ sur 12	
Le double de 200 : ...	La moitié de 60 : ...	5 + 5 = ...	
Le double de 250 : ...	La moitié de 80 : ...	15 + 15 = ...	
Le double de 400 : ...	La moitié de 100 : ...	25 + 25 = ...	
Le double de 150 : ...	La moitié de 200 : ...	45 + 45 = ...	
		75 + 75 = ...	



8 La multiplication En 1 minute: _ sur 12			
2 X 3 = ...	3 X 10 = ...	4 X 10 = ...	1 X 20 = ...
2 X 5 = ...	3 X 4 = ...	4 X 5 = ...	1 X 40 = ...
2 X 4 = ...	3 X 5 = ...	4 X 2 = ...	1 X 100 = ...
2 X 8 = ...	3 X 3 = ...	4 X 3 = ...	1 X 75 = ...



9 Les tables de $\times 2$, $\times 3$, $\times 4$  En 1 minute: _ sur 12			
$2 \times 6 = \dots$	$4 \times 5 = \dots$	$4 \times 6 = \dots$	$3 \times 5 = \dots$
$2 \times 9 = \dots$	$4 \times 3 = \dots$	$4 \times 10 = \dots$	$3 \times 2 = \dots$
$2 \times 8 = \dots$	$4 \times 4 = \dots$	$4 \times 9 = \dots$	$3 \times 7 = \dots$
$2 \times 7 = \dots$	$4 \times 2 = \dots$	$4 \times 8 = \dots$	$3 \times 8 = \dots$

10 La table de $\times 5$  En 1 minute: _ sur 12			
$5 \times 2 = \dots$	$5 \times 10 = \dots$	$5 \times 9 = \dots$	$3 \times 5 = \dots$
$5 \times 4 = \dots$	$5 \times 6 = \dots$	$5 \times 7 = \dots$	$4 \times 5 = \dots$
$5 \times 8 = \dots$	$5 \times 1 = \dots$	$5 \times 5 = \dots$	$7 \times 5 = \dots$
$5 \times 3 = \dots$	$5 \times 0 = \dots$	$10 \times 5 = \dots$	$8 \times 5 = \dots$

11 Les tables d'addition En 1 minute : _ sur 15			
$9 + 1 = \dots$	$8 + 3 = \dots$	$5 + 3 = \dots$	$9 + 4 = \dots$
$7 + 2 = \dots$	$7 + 3 = \dots$	$9 + 4 = \dots$	$7 + 4 = \dots$
$9 + 2 = \dots$	$9 + 3 = \dots$	$6 + 4 = \dots$	$5 + 4 = \dots$
$8 + 2 = \dots$	$6 + 3 = \dots$	$8 + 4 = \dots$	$7 + 5 = \dots$

12 La table de $\times 4$ En 1 minute: _ sur 12			
$4 \times 10 = \dots$	$4 \times 6 = \dots$	$4 \times 9 = \dots$	$4 \times _ = 20$
$4 \times 2 = \dots$	$4 \times 1 = \dots$	$4 \times 4 = \dots$	$4 \times _ = 24$
$4 \times 5 = \dots$	$4 \times 7 = \dots$	$4 \times _ = 12$	$4 \times _ = 40$
$4 \times 3 = \dots$	$4 \times 0 = \dots$	$4 \times _ = 40$	$4 \times _ = 0$

13 La table du $\times 3$ (2) Bonus  En 1 minute: _ sur 12			
$3 \times 3 = \dots$	$3 \times 1 = \dots$	$3 \times 7 = \dots$	$3 \times _ = 6$
$3 \times 10 = \dots$	$3 \times 4 = \dots$	$3 \times 9 = \dots$	$3 \times _ = 30$
$3 \times 2 = \dots$	$3 \times 0 = \dots$	$3 \times 8 = \dots$	$3 \times _ = 12$
$3 \times 5 = \dots$	$3 \times 6 = \dots$	$6 \times 3 = \dots$	$3 \times _ = 9$

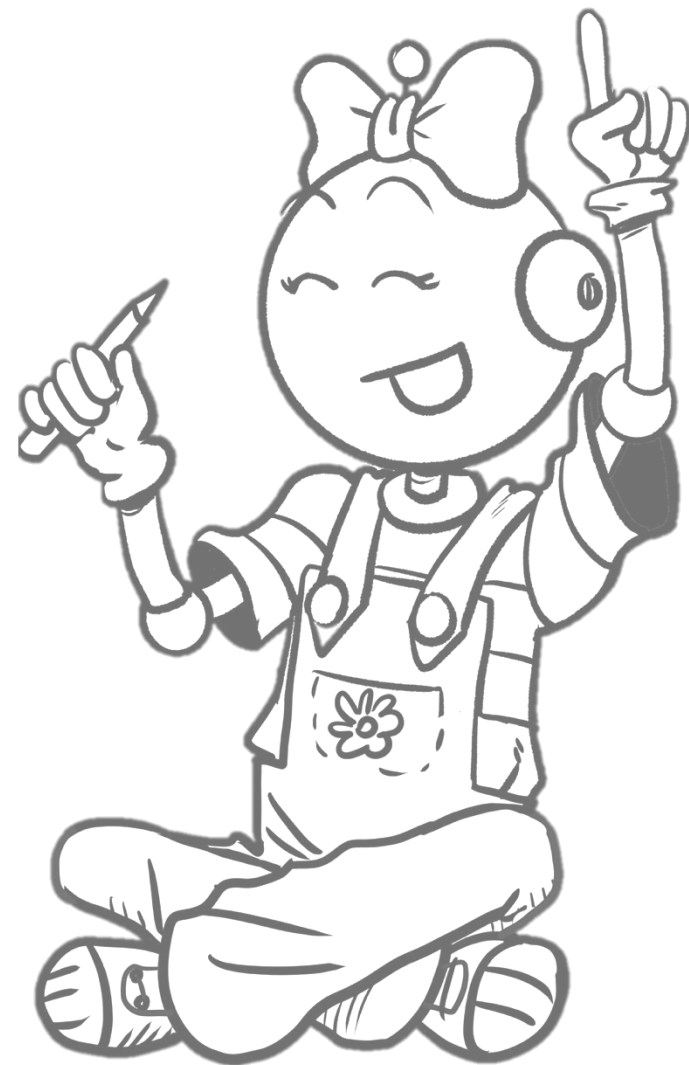
14 La table du $\times 4$ (2) Bonus  En 1 minute: _ sur 12			
$4 \times 6 = \dots$	$4 \times 10 = \dots$	$4 \times 9 = \dots$	$4 \times _ = 12$
$4 \times 2 = \dots$	$4 \times 1 = \dots$	$4 \times 4 = \dots$	$4 \times _ = 28$
$4 \times 3 = \dots$	$4 \times 4 = \dots$	$4 \times 5 = \dots$	$4 \times _ = 36$
$4 \times 5 = \dots$	$4 \times 7 = \dots$	$7 \times 4 = \dots$	$4 \times _ = 8$

Fluence

Calcul mental

CE2

Période 2 bis



1 Les compléments à la dizaine supérieure En 3 minutes: _ sur 15			
32+ ... = 50	45+ ... = 40	98+ ... = 100	78+ ... = 100
53+ ... = 60	43+ ... = 60	95+ ... = 100	72+ ... = 100
24+ ... = 20	36+ ... = 80	93+ ... = 100	83+ ... = 100
36+ ... = 60	28+ ... = 50	98+ ... = 100	58+ ... = 100



5 Vers la multiplication En 1 minute: _ sur 12			
10 + 10 = ...	3 + 3 + 3 = ...	2 X 5 = ...	3 X 10 = ...
2 X 10 = ...	3 X 3 = ...	2 X 3 = ...	5 X 10 = ...
20+20 = ...	4 + 4 + 4 = ...	2 X 7 = ...	8 X 10 = ...
2 X 20 = ...	3 X 4 = ...	2 X 9 = ...	9 X 10 = ...



2 Les suites		Le plus vite possible !							
+ 2	285-	-	-	-	-	-	-	-	-
+ 5	275-	-	-	-	-	-	-	-	-
+ 10	276-	-	-	-	-	-	-	-	-
+ 100	154-	-	-	-	-	-	-	-	-



6 Vers la multiplication			En 1 minute: _ sur 12	
100+100+100 = _ X _ = ...	2 X 6 = ...	7 X 2 = ...		
2 + 2 + 2 + 2 = _ X _ = ...	2 X 8 = ...	5 X 10 = ...		
5 + 5 + 5 + 5 + 5 = _ X _ = ...	2 X 10 = ...	7 X 100 = ...		
100 + 100 = _ X _ = ...	2 X 9 = ...	2 X 25 = ...		

3 Les doubles		En 1 minute: _ sur 12							
9 + 9 = ...	16 + 16 = ...	17 + 17 = ...	100+100=...						
13 + 13 = ...	14 + 14 = ...	60 + 60 = ...	200+200=...						
30 + 30 = ...	15 + 15 = ...	25 + 25 = ...	400+400=...						
20 + 20 = ...	50 + 50 = ...	35 + 35 = ...	300+300=...						



7 Vers la multiplication			En 1 minute: _ sur 12	
30 + 30 + 30 = _ X _ = ...	3 X 10 = ...	5 X 10 = ...		
5 + 5 + 5 + 5 = _ X _ = ...	10 X 8 = ...	3 X 10 = ...		
3+3+3+3+3+3= _ X _ = ...	10 X 4 = ...	6 X 100 = ...		
10+10+10+10= _ X _ = ...	3 X 100 = ...	6 X 50 = ...		



4 Les doubles et moitiés		En 1 minute: _ sur 12							
Le double de 300 : ...	La moitié de 70 : ...	15 + 15 = ...							
Le double de 150 : ...	La moitié de 60 : ...	35 + 35 = ...							
Le double de 250 : ...	La moitié de 400 : ...	75 + 75 = ...							
Le double de 400 : ...	La moitié de 600 : ...	25 + 25 = ...							
		5 + 5 = ...							



8 La multiplication			En 1 minute: _ sur 12	
2 X 7 = ...	3 X 5 = ...	4 X 2 = ...	0 X 30 = ...	
2 X 9 = ...	3 X 2 = ...	4 X 10 = ...	0 X 20 = ...	
2 X 6 = ...	3 X 10 = ...	4 X 3 = ...	1 X 200 = ...	
2 X 3 = ...	3 X 3 = ...	4 X 2 = ...	1 X 150 = ...	



9 Les tables de $\times 2$, $\times 3$, $\times 4$  En 1 minute: _ sur 12			
$2 \times 5 = \dots$	$4 \times 3 = \dots$	$4 \times 7 = \dots$	$3 \times 4 = \dots$
$2 \times 7 = \dots$	$4 \times 2 = \dots$	$4 \times 6 = \dots$	$3 \times 6 = \dots$
$2 \times 9 = \dots$	$4 \times 5 = \dots$	$4 \times 10 = \dots$	$3 \times 5 = \dots$
$2 \times 0 = \dots$	$4 \times 10 = \dots$	$4 \times 9 = \dots$	$3 \times 9 = \dots$

10 La table de $\times 5$  En 1 minute: _ sur 12			
$5 \times 5 = \dots$	$5 \times 0 = \dots$	$5 \times 8 = \dots$	$7 \times 5 = \dots$
$5 \times 3 = \dots$	$5 \times 10 = \dots$	$5 \times 6 = \dots$	$5 \times 5 = \dots$
$5 \times 2 = \dots$	$5 \times 9 = \dots$	$5 \times 7 = \dots$	$8 \times 5 = \dots$
$5 \times 1 = \dots$	$5 \times 4 = \dots$	$9 \times 5 = \dots$	$4 \times 5 = \dots$

11 Les tables d'addition En 1 minute: _ sur 15			
$8 + 3 = \dots$	$9 + 8 = \dots$	$9 + 9 = \dots$	$8 + 5 = \dots$
$5 + 5 = \dots$	$9 + 6 = \dots$	$8 + 4 = \dots$	$8 + 2 = \dots$
$9 + 4 = \dots$	$9 + 7 = \dots$	$8 + 1 = \dots$	$7 + 4 = \dots$
$9 + 3 = \dots$	$9 + 5 = \dots$	$8 + 3 = \dots$	$8 + 6 = \dots$

12 La table de $\times 4$ En 1 minute: _ sur 12			
$4 \times 3 = \dots$	$4 \times 2 = \dots$	$4 \times 6 = \dots$	$4 \times _ = 28$
$4 \times 1 = \dots$	$4 \times 4 = \dots$	$4 \times 8 = \dots$	$4 \times _ = 16$
$4 \times 0 = \dots$	$4 \times 5 = \dots$	$4 \times _ = 20$	$4 \times _ = 8$
$4 \times 10 = \dots$	$4 \times 7 = \dots$	$4 \times _ = 12$	$4 \times _ = 24$

13 La table du $\times 3$ (2) Bonus  En 1 minute: _ sur 12			
$3 \times 10 = \dots$	$3 \times 2 = \dots$	$3 \times 9 = \dots$	$3 \times _ = 9$
$3 \times 1 = \dots$	$3 \times 5 = \dots$	$3 \times 7 = \dots$	$3 \times _ = 27$
$3 \times 0 = \dots$	$3 \times 4 = \dots$	$3 \times 6 = \dots$	$3 \times _ = 15$
$3 \times 3 = \dots$	$3 \times 8 = \dots$	$6 \times 3 = \dots$	$3 \times _ = 30$

14 La table du $\times 4$ (2) Bonus  En 1 minute: _ sur 12			
$4 \times 5 = \dots$	$4 \times 0 = \dots$	$4 \times 6 = \dots$	$4 \times _ = 20$
$4 \times 3 = \dots$	$4 \times 2 = \dots$	$4 \times 9 = \dots$	$4 \times _ = 40$
$4 \times 4 = \dots$	$4 \times 6 = \dots$	$4 \times 8 = \dots$	$4 \times _ = 16$
$4 \times 1 = \dots$	$4 \times 10 = \dots$	$5 \times 4 = \dots$	$4 \times _ = 12$