









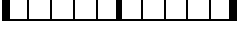



























## Mémoriser pour calculer rapidement les calculs sans passage

Colorie et calcule.

Additions jusque 10

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

Additions de 10 à 20

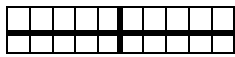
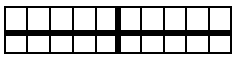
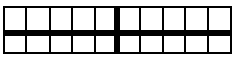
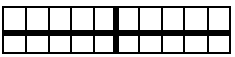
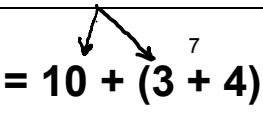
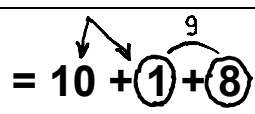
		$14+3 =$
		$12+6 =$
		$13+5 =$
		$16+3 =$
		$12+7 =$
		$12+8 =$
		$14+5 =$
		$14+2 =$
		$13+7 =$
		$12+5 =$
		$14+4 =$
		$14+6 =$

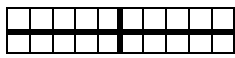
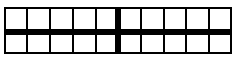
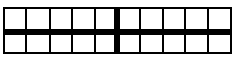
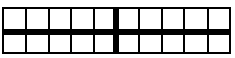
Calcule rapidement SANS support visuel.

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

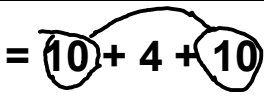
## Additions de 10 à 20

Écris comme l'exemple :

calcul de départ	 $13 + 4$	 $11 + 8$	 $15 + 4$	 $13 + 7$
procédé	$= 10 + (3 + 4)$ 	$= 10 + (1 + 8)$ 		
réponse	$= 17$	=		

calcul de départ	 $15 + 5$	 $11 + 6$	 $12 + 4$	 $17 + 2$
procédé				
réponse				

calcul de départ	$14 + 4$	$16 + 3$	$11 + 4$	$13 + 5$
procédé				
réponse				

calcul de départ	$16 + 2$	$12 + 7$	$13 + 6$	$14 + 10$
procédé				$= 10 + 4 + 10$ 
réponse				

calcul de départ	$11 + 10$	$14 + 10$	$19 + 10$	$16 + 20$
procédé				
réponse				

## Mémoriser pour calculer rapidement les calculs sans passage

Colorie et calcule.

Soustractions inférieures à 10

	10-3 =
	9-3 =
	9-4 =
	8-5 =
	7-4 =
	8-6 =
	10-4 =
	10-8 =
	9-5 =
	9-8 =
	7-5 =
	6-4 =

Soustractions de 10 à 20 sans passage

		20-3 =
		19-3 =
		19-4 =
		18-5 =
		17-4 =
		18-6 =
		16-5 =
		14-2 =
		17-3 =
		19-8 =
		16-4 =
		18-3 =

Calcule rapidement SANS support visuel.

Soustractions jusque 10	Soustractions jusque 10	Soustractions de 10 à 20	Soustractions de 10 à 20
10-1=	9-2 =	20-1=	19-2 =
8 -6 =	6 -5 =	18 -6 =	16 -5 =
8 -7 =	6 -6 =	18 -7 =	16 -6 =
7-1=	5-2 =	17-1=	15-2 =
7-2 =	8 -5 =	17-2 =	18 -5 =
10 -6 =	9 -8 =	20 -6 =	19 -8 =
10 -7 =	9 -6 =	20 -7 =	19 -6 =
7 -5 =	9 -7 =	17 -5 =	19 -7 =
7 -6 =	8-1=	17 -6 =	18-1=
6-1=	8-2 =	16-1=	18-2 =
6-2 =	7 - 4 =	16-2 =	17 - 4 =
9 -3 =	10-2 =	19 -3 =	20-2 =
9 - 4 =	10 -3 =	19 - 4 =	20 -3 =
9 -5 =	9 -9 =	19 -5 =	19 -9 =
10 - 4 =	5-3 =	20 - 4 =	15-3 =
10 -5 =	5-4 =	20 -5 =	15-4 =
6 -3 =	7 -3 =	16 -3 =	17 -3 =
6 - 4 =	10 -8 =	16 - 4 =	20 -8 =
8 -3 =	10 -9 =	18 -3 =	20 -9 =
8 - 4 =	9-1=	18 - 4 =	19-1=

**Course des additions jusque 10**

Durée pour réaliser ces calculs ... min ... sec

... erreurs sur 40

Moyenne approximative de classe ... min ... sec

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

**Course des soustractions jusque 10**

Durée pour réaliser ces calculs ... min ... sec

... erreurs sur 40

Moyenne approximative de classe ... min ... sec

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