

Nom : _____

Date : __/__/__

Exercices d'entraînement

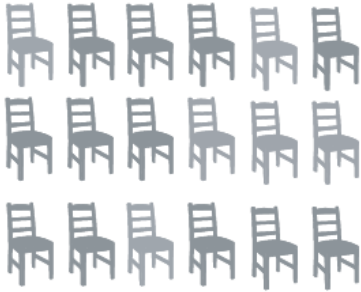
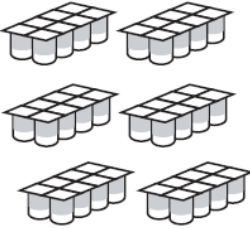
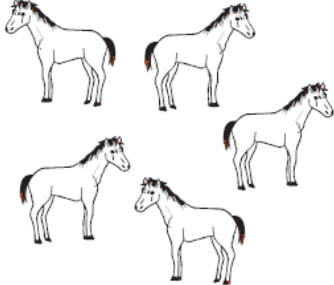
La multiplication (1)



Num : __

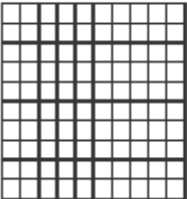
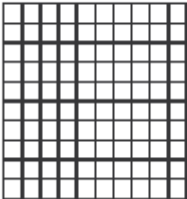
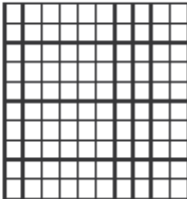
Exercice 1 : J'utilise la multiplication pour calculer

1

 Combien y a t'il de chaises ? ___ X ___ = ___	 Combien y a t'il de yaourts ? ___ X ___ = ___	 Combien y a t'il de pattes ? ___ X ___ = ___
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Exercice 2 : Je colorie le nombre de cases demandées

1

3×8 	5×7 	4×9 
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Exercice 3 : J'écris les additions sous forme de multiplications (sans chercher à trouver le résultat)

2

$9 + 9 + 9 + 9 + 9 + 9$	$=$ ___	$\times$ ___	$=$ ___
$6 + 6 + 6 + 6 + 6$	$=$ ___	$\times$ ___	$=$ ___
$5 + 5 + 5 + 5 + 5 + 5 + 5 + 5 + 5 + 5 + 5$	$=$ ___	$\times$ ___	$=$ ___
$2 + 2 + 2 + 2 + 2 + 2 + 2 + 2$	$=$ ___	$\times$ ___	$=$ ___

Exercice 4 : J'écris les multiplications sous la forme d'additions

2

4×9	$=$ ___ + ___ + ___ + ___
7×4	$=$ ___ + ___ + ___ + ___ + ___ + ___ + ___
6×6	$=$ ___ + ___ + ___ + ___ + ___ + ___
3×8	$=$ ___ + ___ + ___

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Exercices d'entraînement La multiplication (2)



Num : __

Rappel : $14 \times 10 = 140$

$23 \times 100 = 2300$

$56 \times 1000 = 56000$

Exercice 1 : Je multiplie par 10, 100, 1000

1

$6 \times 10 = \underline{\quad}$

$12 \times 10 = \underline{\quad}$

$45 \times 10 = \underline{\quad}$

$8 \times 100 = \underline{\quad}$

$47 \times 100 = \underline{\quad}$

$97 \times 100 = \underline{\quad}$

$10 \times 53 = \underline{\quad}$

$10 \times 80 = \underline{\quad}$

$78 \times 10 = \underline{\quad}$

$56 \times 1000 = \underline{\quad}$

$32 \times 1000 = \underline{\quad}$

$71 \times 1000 = \underline{\quad}$

$208 \times 10 = \underline{\quad}$

$485 \times 10 = \underline{\quad}$

$100 \times 10 = \underline{\quad}$

Exercice 2 : Je complète les multiplications avec 10, 100 ou 1000

2

$27 \times \underline{\quad} = 270$

$\underline{\quad} \times 8 = 800$

$45 \times \underline{\quad} = 450$

$57 \times \underline{\quad} = 5700$

$\underline{\quad} \times 47 = 4700$

$98 \times \underline{\quad} = 98000$

Exercice 3 : Je complète les multiplications

3

$10 \times \underline{\quad} = 680$

$\underline{\quad} \times 31 = 310$

$\underline{\quad} \times 10 = 440$

$\underline{\quad} \times 10 = 670$

$10 \times 412 = \underline{\quad}$

$10 \times 838 = \underline{\quad}$

$960 \times 10 = \underline{\quad}$

$100 \times 53 = \underline{\quad}$

$100 \times \underline{\quad} = 6500$

$\underline{\quad} \times 100 = 10000$

$100 \times 208 = \underline{\quad}$

$100 \times \underline{\quad} = 7200$

Exercice 4 : Je complète les multiplications

3

Exemple : $4 \times 70 = 4 \times 7 \times 10$ car $70 = 7 \times 10$
 $4 \times 70 = 28 \times 10$
 $4 \times 70 = 280$

$40 \times 3 = \underline{\quad}$

$30 \times 2 = \underline{\quad}$

$40 \times 2 = \underline{\quad}$

$60 \times 2 = \underline{\quad}$

$50 \times 3 = \underline{\quad}$

$70 \times 2 = \underline{\quad}$

$80 \times 2 = \underline{\quad}$

$70 \times 2 = \underline{\quad}$

$20 \times 4 = \underline{\quad}$

$50 \times 5 = \underline{\quad}$

$60 \times 3 = \underline{\quad}$

$10 \times 3 = \underline{\quad}$

$60 \times 4 = \underline{\quad}$

$80 \times 3 = \underline{\quad}$

$90 \times 2 = \underline{\quad}$

$20 \times 3 = \underline{\quad}$

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Exercices d'entraînement La multiplication (3)



Num : __ __
Num : __ __

Rappel : $6 \times 34 = ???$

Méthode 1	Méthode 2															
6 x 6 x 34 30 4 6 x 30 6 x 4 180 24	<table><tr><td></td><td colspan="2">34</td></tr><tr><td></td><td>x</td><td></td></tr><tr><td></td><td>30</td><td>4</td></tr><tr><td>6</td><td>6 x 30</td><td>6 x 4</td></tr><tr><td></td><td>180</td><td>24</td></tr></table> 180 + 24 = 204		34			x			30	4	6	6 x 30	6 x 4		180	24
	34															
	x															
	30	4														
6	6 x 30	6 x 4														
	180	24														

Exercice 1 : Je calcule avec la méthode de mon choix



$24 \times 3 =$	$57 \times 5 =$	$13 \times 2 =$

Exercice 2 : Je calcule ces multiplications en décomposant en ligne



Exemple : $27 \times 3 = (20 + 7) \times 3 = (3 \times 20) + (3 \times 7) = 60 + 21 = 81$

$6 \times 18 = 6 \times (_ + _) = (6 \times _) + (6 \times _) = _ + _ = _$	
$5 \times 25 = 5 \times (_ + _) = (5 \times _) + (5 \times _) = _ + _ = _$	
$4 \times 39 = _ \times (_ + _) = (_ \times _) + (_ \times _) = _ + _ = _$	
$22 \times 5 = (_ + _) \times 5 = (_ \times 5) + (_ \times 5) = _ + _ = _$	
$7 \times 28 = _ \times (_ + _) = (_ \times _) + (_ \times _) = _ + _ = _$	
$47 \times 3 = (_ + _) \times _ = (_ \times _) + (_ \times _) = _ + _ = _$	
$4 \times 19 = _ \times (_ + _) = (_ \times _) + (_ \times _) = _ + _ = _$	
$53 \times 6 = (_ + _) \times _ = (_ \times _) + (_ \times _) = _ + _ = _$	

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Exercices d'entraînement

La multiplication (4)



Num : __

Exercice 1 : Je calcule ces multiplications posées - sans retenues



	d	u
	2	3
x		3

	d	u
	3	4
x		2

	d	u
	1	2
x		4

	d	u
	3	1
x		5

	d	u
	1	1
x		4

Exercice 2 : Je calcule ces multiplications posées - avec retenues



	d	u
	4	6
x		2

	d	u
	2	7
x		3

	d	u
	6	8
x		2

	d	u
	2	3
x		8

	d	u
	5	2
x		9

Exercice 3 : Je calcule ces multiplications avec retenues



$$\begin{array}{r} 258 \\ \times 3 \\ \hline 174 \end{array}$$

$$\begin{array}{r} 72 \\ \times 5 \\ \hline \end{array}$$

$$\begin{array}{r} 93 \\ \times 6 \\ \hline \end{array}$$

$$\begin{array}{r} 76 \\ \times 2 \\ \hline \end{array}$$

$$\begin{array}{r} 20 \\ \times 8 \\ \hline \end{array}$$

$$\begin{array}{r} 86 \\ \times 3 \\ \hline \end{array}$$

$$\begin{array}{r} 874 \\ \times 3 \\ \hline \end{array}$$

$$\begin{array}{r} 728 \\ \times 9 \\ \hline \end{array}$$

$$\begin{array}{r} 961 \\ \times 5 \\ \hline \end{array}$$

$$\begin{array}{r} 372 \\ \times 7 \\ \hline \end{array}$$

$$\begin{array}{r} 960 \\ \times 4 \\ \hline \end{array}$$

$$\begin{array}{r} 288 \\ \times 6 \\ \hline \end{array}$$

$$\begin{array}{r} 356 \\ \times 4 \\ \hline \end{array}$$

$$\begin{array}{r} 518 \\ \times 5 \\ \hline \end{array}$$

$$\begin{array}{r} 679 \\ \times 8 \\ \hline \end{array}$$

$$\begin{array}{r} 201 \\ \times 9 \\ \hline \end{array}$$

$$\begin{array}{r} 491 \\ \times 2 \\ \hline \end{array}$$

$$\begin{array}{r} 357 \\ \times 7 \\ \hline \end{array}$$

Exercice 3 : Je calcule



$$\begin{array}{r} 1427 \\ \times 5 \\ \hline 2135 \end{array}$$

$$\begin{array}{r} 425 \\ \times 7 \\ \hline \end{array}$$

$$\begin{array}{r} 238 \\ \times 6 \\ \hline \end{array}$$

$$\begin{array}{r} 915 \\ \times 4 \\ \hline \end{array}$$

$$\begin{array}{r} 631 \\ \times 8 \\ \hline \end{array}$$

$$\begin{array}{r} 708 \\ \times 5 \\ \hline \end{array}$$

$$\begin{array}{r} 674 \\ \times 3 \\ \hline \end{array}$$

$$\begin{array}{r} 888 \\ \times 2 \\ \hline \end{array}$$

$$\begin{array}{r} 569 \\ \times 7 \\ \hline \end{array}$$

$$\begin{array}{r} 342 \\ \times 5 \\ \hline \end{array}$$

$$\begin{array}{r} 109 \\ \times 6 \\ \hline \end{array}$$

$$\begin{array}{r} 510 \\ \times 4 \\ \hline \end{array}$$

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Exercices d'entraînement

La multiplication (4)

Num : __

Exercice 1 : Je calcule avec la méthode de mon choix



$$\begin{array}{r} 69 \\ \times 31 \\ \hline 69 \\ + 2070 \\ \hline 2139 \end{array}$$

$$\begin{array}{r} 83 \\ \times 70 \\ \hline \\ + \dots\dots\dots 0 \\ \hline \end{array}$$

$$\begin{array}{r} 51 \\ \times 42 \\ \hline \\ + \dots\dots\dots 0 \\ \hline \end{array}$$

Rappel :

$$\begin{array}{r} 22 \\ \times 13 \\ \hline 66 \rightarrow 22 \times 3 \quad \textcircled{1} \\ + 220 \rightarrow 22 \times 10 \quad \textcircled{2} \\ \hline 286 \quad \textcircled{3} \end{array}$$

$$\begin{array}{r} 48 \\ \times 35 \\ \hline \\ + \dots\dots\dots 0 \\ \hline \end{array}$$

$$\begin{array}{r} 83 \\ \times 85 \\ \hline \\ + \dots\dots\dots 0 \\ \hline \end{array}$$

$$\begin{array}{r} 57 \\ \times 45 \\ \hline \\ + \dots\dots\dots 0 \\ \hline \end{array}$$

$$\begin{array}{r} 89 \\ \times 29 \\ \hline \\ + \dots\dots\dots 0 \\ \hline \end{array}$$

$$\begin{array}{r} 78 \\ \times 69 \\ \hline \\ + \dots\dots\dots 0 \\ \hline \end{array}$$

$$\begin{array}{r} 473 \\ \times 35 \\ \hline \\ + \dots\dots\dots \\ \hline \end{array}$$

$$\begin{array}{r} 608 \\ \times 29 \\ \hline \\ + \dots\dots\dots \\ \hline \end{array}$$

$$\begin{array}{r} 272 \\ \times 60 \\ \hline \\ + \dots\dots\dots \\ \hline \end{array}$$

$$\begin{array}{r} 198 \\ \times 31 \\ \hline \\ + \dots\dots\dots \\ \hline \end{array}$$

$$\begin{array}{r} 648 \\ \times 47 \\ \hline \\ + \dots\dots\dots \\ \hline \end{array}$$

• Pose en colonnes et calcule :

406 x 23 =	951 x 47 =	357 x 15 =	690 x 53 =