

les rois des opérations
fiche d'entraînements

Corrections

ADDITIONS

A

a/	846	+	3,662	+	17	=
b/	658	+	5,856	+	19	=
c/	864,18	+	5,8	+	61	=
d/	992	+	9,231	+	70,77	=

B

a/	713	+	4,681	+	18	=
b/	968	+	6,496	+	35	=
c/	484,52	+	8,3	+	93	=
d/	537	+	5,872	+	25,52	=

C

a/	406	+	5,9	+	97	=
b/	163	+	2,492	+	37	=
c/	399,79	+	6,1	+	67	=
d/	714	+	4,718	+	62,31	=

D

a/	317	+	7,38	+	64	=
b/	263	+	7,325	+	40	=
c/	719,02	+	9,8	+	15	=
d/	262	+	8,977	+	65,36	=

E

a/	140	+	3,99	+	30	=
b/	845	+	5,661	+	10	=
c/	146,2	+	6,7	+	63	=
d/	909	+	9,75	+	57,23	=

Corrections**ADDITIONS****Série A**

a/	b/	c/	d/
846	658	864,18	992
+ 3,662	+ 5,856	+ 5,8	+ 9,231
+ 17	+ 19	+ 61	+ 70,77
<hr/>	<hr/>	<hr/>	<hr/>
866,662	682,856	930,98	1 072,001

Série B

a/	b/	c/	d/
713	968	484,52	537
+ 4,681	+ 6,496	+ 8,3	+ 5,872
+ 18	+ 35	+ 93	+ 25,52
<hr/>	<hr/>	<hr/>	<hr/>
735,681	1 009,496	585,82	568,392

Série C

a/	b/	c/	d/
406	163	399,79	714
+ 5,9	+ 2,492	+ 6,1	+ 4,718
+ 97	+ 37	+ 67	+ 62,31
<hr/>	<hr/>	<hr/>	<hr/>
508,9	202,492	472,89	781,028

Série D

a/	b/	c/	d/
317	263	719,02	262
+ 7,38	+ 7,325	+ 9,8	+ 8,977
+ 64	+ 40	+ 15	+ 65,36
<hr/>	<hr/>	<hr/>	<hr/>
388,38	310,325	743,82	336,337

Série E

a/	b/	c/	d/
140	845	146,2	909
+ 3,99	+ 5,661	+ 6,7	+ 9,75
+ 30	+ 10	+ 63	+ 57,23
<hr/>	<hr/>	<hr/>	<hr/>
173,99	860,661	215,9	975,98

Pose ces opérations et calcule :

A

- a/ $9\ 651 - 981 =$
b/ $8\ 943 - 1\ 521 =$
c/ $1\ 926 - 1\ 544 =$
d/ $6\ 309 - 3\ 004 =$

B

- a/ $8\ 931 - 2\ 018 =$
b/ $6\ 934 - 3\ 711 =$
c/ $2\ 257 - 966 =$
d/ $4\ 977 - 2\ 341 =$

C

- a/ $3\ 204 - 2\ 899 =$
b/ $4\ 515 - 3\ 801 =$
c/ $7\ 657 - 2\ 798 =$
d/ $5\ 332 - 2\ 149 =$

D

- a/ $9\ 515 - 6\ 641 =$
b/ $8\ 328 - 6\ 975 =$
c/ $9\ 348 - 5\ 059 =$
d/ $4\ 759 - 2\ 270 =$

E

- a/ $7\ 070 - 2\ 486 =$
b/ $6\ 241 - 6\ 208 =$
c/ $3\ 488 - 1\ 573 =$
d/ $3\ 074 - 2\ 966 =$

Corrections

SOUSTRATIONS

A

$$a/ \quad 9\,651 - 981 = \mathbf{8\,670}$$

$$b/ \quad 8\,943 - 1\,521 = \mathbf{7\,422}$$

$$c/ \quad 1\,926 - 1\,544 = \mathbf{382}$$

$$d/ \quad 6\,309 - 3\,004 = \mathbf{3\,305}$$

B

$$a/ \quad 8\,931 - 2\,018 = \mathbf{6\,913}$$

$$b/ \quad 6\,934 - 3\,711 = \mathbf{3\,223}$$

$$c/ \quad 2\,257 - 966 = \mathbf{1\,291}$$

$$d/ \quad 4\,977 - 2\,341 = \mathbf{2\,636}$$

C

$$a/ \quad 3\,204 - 2\,899 = \mathbf{305}$$

$$b/ \quad 4\,515 - 3\,801 = \mathbf{714}$$

$$c/ \quad 7\,657 - 2\,798 = \mathbf{4\,859}$$

$$d/ \quad 5\,332 - 2\,149 = \mathbf{3\,183}$$

D

$$a/ \quad 9\,515 - 6\,641 = \mathbf{2\,874}$$

$$b/ \quad 8\,328 - 6\,975 = \mathbf{1\,353}$$

$$c/ \quad 9\,348 - 5\,059 = \mathbf{4\,289}$$

$$d/ \quad 4\,759 - 2\,270 = \mathbf{2\,489}$$

E

$$a/ \quad 7\,070 - 2\,486 = \mathbf{4\,584}$$

$$b/ \quad 6\,241 - 6\,208 = \mathbf{33}$$

$$c/ \quad 3\,488 - 1\,573 = \mathbf{1\,915}$$

$$d/ \quad 3\,074 - 2\,966 = \mathbf{108}$$

Pose ces opérations et calcule.

A

a/ $73,88 - 36,035 =$

b/ $94,2 - 42,83 =$

c/ $53,094 - 29 =$

d/ $70,97 - 33 =$

B

a/ $37,065 - 27,401 =$

b/ $25,466 - 8 =$

c/ $10,9 - 8,4 =$

d/ $39,72 - 35,89 =$

C

a/ $49,7 - 38,171 =$

b/ $40,605 - 9,9 =$

c/ $37,3 - 30,175 =$

d/ $78,81 - 62,3 =$

D

a/ $39,5 - 33,36 =$

b/ $20,87 - 15,69 =$

c/ $74,48 - 29,54 =$

d/ $29,6 - 23,639 =$

E

a/ $29,52 - 8,5 =$

b/ $41,73 - 28,59 =$

c/ $24,07 - 15,573 =$

d/ $73,32 - 8,03 =$

Corrections

SOUSTRACTIONS

A

a/

$$\begin{array}{r} 73,88 \\ - 36,035 \\ \hline 37,845 \end{array}$$

b/

$$\begin{array}{r} 94,2 \\ - 42,83 \\ \hline 51,37 \end{array}$$

c/

$$\begin{array}{r} 53,094 \\ - 29, \\ \hline 24,094 \end{array}$$

d/

$$\begin{array}{r} 70,97 \\ - 33, \\ \hline 37,97 \end{array}$$

B

a/

$$\begin{array}{r} 37,065 \\ - 27,401 \\ \hline 9,664 \end{array}$$

b/

$$\begin{array}{r} 25,466 \\ - 8, \\ \hline 17,466 \end{array}$$

c/

$$\begin{array}{r} 10,9 \\ - 8,4 \\ \hline 2,5 \end{array}$$

d/

$$\begin{array}{r} 39,72 \\ - 35,89 \\ \hline 3,83 \end{array}$$

C

a/

$$\begin{array}{r} 49,7 \\ - 38,171 \\ \hline 11,529 \end{array}$$

b/

$$\begin{array}{r} 40,605 \\ - 9,9 \\ \hline 30,705 \end{array}$$

c/

$$\begin{array}{r} 37,3 \\ - 30,175 \\ \hline 7,125 \end{array}$$

d/

$$\begin{array}{r} 78,81 \\ - 62,3 \\ \hline 16,51 \end{array}$$

D

a/

$$\begin{array}{r} 39,5 \\ - 33,36 \\ \hline 6,14 \end{array}$$

b/

$$\begin{array}{r} 20,87 \\ - 15,69 \\ \hline 5,18 \end{array}$$

c/

$$\begin{array}{r} 74,48 \\ - 29,54 \\ \hline 44,94 \end{array}$$

d/

$$\begin{array}{r} 29,6 \\ - 23,639 \\ \hline 5,961 \end{array}$$

E

a/

$$\begin{array}{r} 29,52 \\ - 8,5 \\ \hline 21,02 \end{array}$$

b/

$$\begin{array}{r} 41,73 \\ - 28,59 \\ \hline 13,14 \end{array}$$

c/

$$\begin{array}{r} 24,07 \\ - 15,573 \\ \hline 8,497 \end{array}$$

d/

$$\begin{array}{r} 73,32 \\ - 8,03 \\ \hline 65,29 \end{array}$$

Pose ces opérations et calcule :

A

$$\begin{array}{r} a/ \\ 4248 \\ \times \underline{390} \end{array}$$

$$\begin{array}{r} b/ \\ 9085 \\ \times \underline{729} \end{array}$$

$$\begin{array}{r} c/ \\ 1880 \\ \times \underline{668} \end{array}$$

$$\begin{array}{r} d/ \\ 6939 \\ \times \underline{688} \end{array}$$

$$\begin{array}{r} e/ \\ 9292 \\ \times \underline{931} \end{array}$$

B

$$\begin{array}{r} a/ \\ 5287 \\ \times \underline{135} \end{array}$$

$$\begin{array}{r} b/ \\ 4151 \\ \times \underline{548} \end{array}$$

$$\begin{array}{r} c/ \\ 4133 \\ \times \underline{975} \end{array}$$

$$\begin{array}{r} d/ \\ 5646 \\ \times \underline{715} \end{array}$$

$$\begin{array}{r} e/ \\ 9488 \\ \times \underline{545} \end{array}$$

C

$$\begin{array}{r} a/ \\ 4226 \\ \times \underline{690} \end{array}$$

$$\begin{array}{r} b/ \\ 5191 \\ \times \underline{726} \end{array}$$

$$\begin{array}{r} c/ \\ 1843 \\ \times \underline{369} \end{array}$$

$$\begin{array}{r} d/ \\ 6003 \\ \times \underline{455} \end{array}$$

$$\begin{array}{r} e/ \\ 4968 \\ \times \underline{999} \end{array}$$

D

$$\begin{array}{r} a/ \\ 6914 \\ \times \underline{532} \end{array}$$

$$\begin{array}{r} b/ \\ 1025 \\ \times \underline{466} \end{array}$$

$$\begin{array}{r} c/ \\ 8348 \\ \times \underline{849} \end{array}$$

$$\begin{array}{r} d/ \\ 3422 \\ \times \underline{719} \end{array}$$

$$\begin{array}{r} e/ \\ 1290 \\ \times \underline{653} \end{array}$$

E

$$\begin{array}{r} a/ \\ 5539 \\ \times \underline{579} \end{array}$$

$$\begin{array}{r} b/ \\ 7887 \\ \times \underline{854} \end{array}$$

$$\begin{array}{r} c/ \\ 7041 \\ \times \underline{302} \end{array}$$

$$\begin{array}{r} d/ \\ 2472 \\ \times \underline{538} \end{array}$$

$$\begin{array}{r} e/ \\ 9161 \\ \times \underline{250} \end{array}$$

Corrections

MULTIPLICATIONS

A

a/	b/	c/	d/	e/
1 656 720	6 622 965	1 255 840	4 774 032	8 650 852

B

a/	b/	c/	d/	e/
713 745	2 274 748	4 029 675	4 036 890	5 170 960

C

a/	b/	c/	d/	e/
2 915 940	3 768 666	680 067	2 731 365	4 963 032

D

a/	b/	c/	d/	e/
3 678 248	477 650	7 087 452	2 460 418	842 370

E

a/	b/	c/	d/	e/
3 207 081	6 735 498	2 126 382	1 329 936	2 290 250

Pose ces opérations et calcule :

A

$$\begin{array}{r} a/ \\ 1743 \\ \times \quad 94 \\ \hline \end{array}$$

$$\begin{array}{r} b/ \\ 3304 \\ \times \quad 6003 \\ \hline \end{array}$$

$$\begin{array}{r} c/ \\ 106 \\ \times \quad 2091 \\ \hline \end{array}$$

$$\begin{array}{r} d/ \\ 768 \\ \times \quad 5003 \\ \hline \end{array}$$

$$\begin{array}{r} e/ \\ 4012 \\ \times \quad 60 \\ \hline \end{array}$$

B

$$\begin{array}{r} a/ \\ 8291 \\ \times \quad 4005 \\ \hline \end{array}$$

$$\begin{array}{r} b/ \\ 9310 \\ \times \quad 94 \\ \hline \end{array}$$

$$\begin{array}{r} c/ \\ 2004 \\ \times \quad 407 \\ \hline \end{array}$$

$$\begin{array}{r} d/ \\ 9711 \\ \times \quad 3006 \\ \hline \end{array}$$

$$\begin{array}{r} e/ \\ 5096 \\ \times \quad 6006 \\ \hline \end{array}$$

C

$$\begin{array}{r} a/ \\ 800 \\ \times \quad 782 \\ \hline \end{array}$$

$$\begin{array}{r} b/ \\ 987 \\ \times \quad 98 \\ \hline \end{array}$$

$$\begin{array}{r} c/ \\ 4932 \\ \times \quad 71 \\ \hline \end{array}$$

$$\begin{array}{r} d/ \\ 5374 \\ \times \quad 49 \\ \hline \end{array}$$

$$\begin{array}{r} e/ \\ 4826 \\ \times \quad 226 \\ \hline \end{array}$$

D

$$\begin{array}{r} a/ \\ 6301 \\ \times \quad 76 \\ \hline \end{array}$$

$$\begin{array}{r} b/ \\ 893 \\ \times \quad 164 \\ \hline \end{array}$$

$$\begin{array}{r} c/ \\ 9532 \\ \times \quad 8065 \\ \hline \end{array}$$

$$\begin{array}{r} d/ \\ 2965 \\ \times \quad 853 \\ \hline \end{array}$$

$$\begin{array}{r} e/ \\ 9826 \\ \times \quad 84 \\ \hline \end{array}$$

E

$$\begin{array}{r} a/ \\ 7138 \\ \times \quad 408 \\ \hline \end{array}$$

$$\begin{array}{r} b/ \\ 8397 \\ \times \quad 46 \\ \hline \end{array}$$

$$\begin{array}{r} c/ \\ 9366 \\ \times \quad 107 \\ \hline \end{array}$$

$$\begin{array}{r} d/ \\ 4230 \\ \times \quad 63 \\ \hline \end{array}$$

$$\begin{array}{r} e/ \\ 5299 \\ \times \quad 106 \\ \hline \end{array}$$

Corrections**MULTIPLICATIONS**Série
2937

Nombres avec zéros intercalaires

A

a/	b/	c/	d/	e/
122 858	50 929 452	9 363 498	36 727 023	455 580

B

a/	b/	c/	d/	e/
22 520 115	857 562	2 560 437	21 002 922	26 516 490

C

a/	b/	c/	d/	e/
4 884 372	527 828	279 314	82 761	59 664

D

a/	b/	c/	d/	e/
462 384	813 768	51 599 870	2 813 194	525 924

E

a/	b/	c/	d/	e/
764 184	299 966	629 481	7 497	44 520

Prénom _____

Date : _____

Série : **2 315**

MULTIPLICATION DE NOMBRES DECIMAUX

Pose ces opérations et calcule :

A

a/		b/		c/		d/		e/	
	5,95		0,61		5,9		4,5		9,1
x	1,46	x	8,2	x	0,12	x	1,3	x	0,71

B

a/		b/		c/		d/		e/	
	7,8		0,45		1,1		3,1		0,61
x	8,8	x	0,49	x	0,64	x	0,19	x	9,6

C

a/		b/		c/		d/		e/	
	0,19		0,7		0,14		0,62		0,61
x	8,7	x	6,9	x	0,66	x	0,19	x	0,45

D

a/		b/		c/		d/		e/	
	3,3		4,1		0,35		0,78		7,6
x	0,22	x	0,69	x	1,1	x	0,84	x	0,3

E

a/		b/		c/		d/		e/	
	0,38		0,56		0,8		0,53		3,3
x	0,81	x	0,44	x	8,2	x	7,3	x	0,42

MULTIPLICATION DE NOMBRES DECIMAUX

Corrections

A					
a/	b/	c/	d/	e/	
8,687	5,002	0,708	5,85	6,461	

B					
a/	b/	c/	d/	e/	
68,64	0,2205	0,704	0,589	5,856	

C					
a/	b/	c/	d/	e/	
1,653	4,83	0,0924	0,1178	0,2745	

D					
a/	b/	c/	d/	e/	
0,726	2,829	0,385	0,6552	2,28	

E					
a/	b/	c/	d/	e/	
0,3078	0,2464	6,56	3,869	1,386	

Pour les divisions : maxi deux chiffres après la virgule.

Fiches élèves

DIVISIONS

Pose ces opérations et calcule :

A

$$\begin{array}{l} a/ \quad 101 : 27 = \\ b/ \quad 457 : 44 = \\ c/ \quad 637 : 97 = \\ d/ \quad 245 : 86 = \\ e/ \quad 542 : 48 = \end{array}$$

B

$$\begin{array}{l} a/ \quad 440 : 35 = \\ b/ \quad 767 : 85 = \\ c/ \quad 210 : 59 = \\ d/ \quad 507 : 68 = \\ e/ \quad 900 : 20 = \end{array}$$

C

$$\begin{array}{l} a/ \quad 337 : 53 = \\ b/ \quad 740 : 31 = \\ c/ \quad 350 : 46 = \\ d/ \quad 521 : 31 = \\ e/ \quad 881 : 39 = \end{array}$$

D

$$\begin{array}{l} a/ \quad 405 : 81 = \\ b/ \quad 690 : 24 = \\ c/ \quad 805 : 49 = \\ d/ \quad 868 : 18 = \\ e/ \quad 736 : 46 = \end{array}$$

Corrections

DIVISIONS

A

	Quotient entier	Reste
a/	3	20
b/	10	17
c/	6	55
d/	2	73
e/	11	14

Quotient au 1/100	Reste au 1/10	Reste au 1/100
3,74	11	2
10,38	38	28
6,56	65	68
2,84	42	76
11,29	44	8

B

	Quotient entier	Reste
a/	12	20
b/	9	2
c/	3	33
d/	7	31
e/	45	0

Quotient au 1/100	Reste au 1/10	Reste au 1/100
12,57	25	5
9,02	20	30
3,55	35	55
7,45	38	40
45	0	0

C

	Quotient entier	Reste
a/	6	19
b/	23	27
c/	7	28
d/	16	25
e/	22	23

Quotient au 1/100	Reste au 1/10	Reste au 1/100
6,35	31	45
23,87	22	3
7,6	4	40
16,8	2	20
22,58	35	38

D

	Quotient entier	Reste
a/	5	0
b/	28	18
c/	16	21
d/	48	4
e/	16	0

Quotient au 1/100	Reste au 1/10	Reste au 1/100
5	0	0
28,75	12	0
16,42	14	42
48,22	4	4
16	0	0