



EFICIENCIA
%

Dominio intermedio - 8 - Lección - 1
Cálculo con el Tika
Multiplicación de 3 dígitos por 2 dígitos
Eficiencia Mínima: 75 %



1	997 x 22 =	21,934
2	127 x 22 =	2,794
3	839 x 22 =	18,458
4	257 x 22 =	5,654
5	793 x 22 =	17,446
6	375 x 22 =	8,250
7	646 x 22 =	14,212
8	477 x 22 =	10,494
9	576 x 22 =	12,672
10	606 x 22 =	13,332

1	981 x 22 =	21,582
2	863 x 22 =	18,986
3	744 x 22 =	16,368
4	635 x 22 =	13,970
5	529 x 22 =	11,638
6	478 x 22 =	10,516
7	391 x 22 =	8,602
8	217 x 22 =	4,774
9	173 x 22 =	3,806
10	702 x 22 =	15,444

1	122 x 22 =	2,684
2	216 x 22 =	4,752
3	314 x 22 =	6,908
4	417 x 22 =	9,174
5	512 x 22 =	11,264
6	613 x 22 =	13,486
7	718 x 22 =	15,796
8	819 x 22 =	18,018
9	930 x 22 =	20,460
10	807 x 22 =	17,754

1	135 x 22 =	2,970
2	356 x 22 =	7,832
3	578 x 22 =	12,716
4	799 x 22 =	17,578
5	936 x 22 =	20,592
6	244 x 22 =	5,368
7	445 x 22 =	9,790
8	672 x 22 =	14,784
9	831 x 22 =	18,282
10	903 x 22 =	19,866

1	230 x 22 =	5,060
2	429 x 22 =	9,438
3	695 x 22 =	15,290
4	812 x 22 =	17,864
5	181 x 22 =	3,982
6	329 x 22 =	7,238
7	537 x 22 =	11,814
8	709 x 22 =	15,598
9	914 x 22 =	20,108
10	105 x 22 =	2,310

1	557 x 22 =	12,254
2	619 x 22 =	13,618
3	715 x 22 =	15,730
4	826 x 22 =	18,172
5	972 x 22 =	21,384
6	135 x 22 =	2,970
7	219 x 22 =	4,818
8	326 x 22 =	7,172
9	418 x 22 =	9,196
10	207 x 22 =	4,554



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Dominio intermedio - 8 - Lección - 1
Cálculo en el Nepo
Multiplicación de 3 dígitos por 2 dígitos
Eficiencia Mínima: 75 %



1	114 x 22 =	2,508
2	916 x 22 =	20,152
3	235 x 22 =	5,170
4	872 x 22 =	19,184
5	391 x 22 =	8,602
6	725 x 22 =	15,950
7	421 x 22 =	9,262
8	685 x 22 =	15,070
9	526 x 22 =	11,572
10	405 x 22 =	8,910

1	163 x 22 =	3,586
2	918 x 22 =	20,196
3	245 x 22 =	5,390
4	892 x 22 =	19,624
5	371 x 22 =	8,162
6	735 x 22 =	16,170
7	422 x 22 =	9,284
8	636 x 22 =	13,992
9	598 x 22 =	13,156
10	405 x 22 =	8,910

1	496 x 22 =	10,912
2	388 x 22 =	8,536
3	297 x 22 =	6,534
4	186 x 22 =	4,092
5	551 x 22 =	12,122
6	668 x 22 =	14,696
7	723 x 22 =	15,906
8	814 x 22 =	17,908
9	915 x 22 =	20,130
10	501 x 22 =	11,022

1	997 x 22 =	21,934
2	127 x 22 =	2,794
3	839 x 22 =	18,458
4	257 x 22 =	5,654
5	793 x 22 =	17,446
6	375 x 22 =	8,250
7	646 x 22 =	14,212
8	477 x 22 =	10,494
9	576 x 22 =	12,672
10	606 x 22 =	13,332

1	147 x 22 =	3,234
2	926 x 22 =	20,372
3	276 x 22 =	6,072
4	853 x 22 =	18,766
5	355 x 22 =	7,810
6	799 x 22 =	17,578
7	433 x 22 =	9,526
8	655 x 22 =	14,410
9	574 x 22 =	12,628
10	707 x 22 =	15,554

1	955 x 22 =	21,010
2	196 x 22 =	4,312
3	876 x 22 =	19,272
4	232 x 22 =	5,104
5	793 x 22 =	17,446
6	324 x 22 =	7,128
7	618 x 22 =	13,596
8	491 x 22 =	10,802
9	522 x 22 =	11,484
10	808 x 22 =	17,776



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Dominio intermedio - 8 - Lección - 1
Cálculo con el Tika
Multiplicación de 3 dígitos por 2 dígitos
Eficiencia Mínima: 75 %



1	113 x 22 =	2,486
2	247 x 22 =	5,434
3	325 x 22 =	7,150
4	410 x 22 =	9,020
5	517 x 22 =	11,374
6	691 x 22 =	15,202
7	743 x 22 =	16,346
8	833 x 22 =	18,326
9	954 x 22 =	20,988
10	103 x 22 =	2,266

1	994 x 22 =	21,868
2	891 x 22 =	19,602
3	743 x 22 =	16,346
4	652 x 22 =	13,750
5	536 x 22 =	11,792
6	417 x 22 =	9,174
7	398 x 22 =	8,756
8	259 x 22 =	5,698
9	137 x 22 =	3,014
10	206 x 22 =	4,532

1	587 x 22 =	12,914
2	463 x 22 =	10,186
3	379 x 22 =	8,338
4	228 x 22 =	5,016
5	156 x 22 =	3,432
6	983 x 22 =	21,626
7	850 x 22 =	18,700
8	749 x 22 =	16,478
9	621 x 22 =	13,662
10	304 x 22 =	6,688

1	194 x 22 =	4,268
2	285 x 22 =	6,270
3	361 x 22 =	7,942
4	436 x 22 =	9,592
5	519 x 22 =	11,418
6	630 x 22 =	13,860
7	790 x 22 =	17,380
8	819 x 22 =	18,018
9	953 x 22 =	20,966
10	401 x 22 =	8,822

1	651 x 22 =	14,322
2	792 x 22 =	17,424
3	896 x 22 =	19,712
4	988 x 22 =	21,736
5	139 x 22 =	3,058
6	228 x 22 =	5,016
7	336 x 22 =	7,392
8	494 x 22 =	10,868
9	577 x 22 =	12,694
10	506 x 22 =	11,132

1	540 x 22 =	11,880
2	790 x 22 =	17,380
3	876 x 22 =	19,272
4	981 x 22 =	21,582
5	653 x 22 =	14,366
6	363 x 22 =	7,986
7	440 x 22 =	9,680
8	280 x 22 =	6,160
9	117 x 22 =	2,574
10	608 x 22 =	13,376



EFICIENCIA
%

Dominio intermedio - 8 - Lección - 1

Cálculo en el Nepo

Multiplicación de 3 dígitos por 3 dígitos

Eficiencia Mínima: 75 %



1	540 x 222 =	119,880
2	790 x 222 =	175,380
3	876 x 222 =	194,472
4	981 x 222 =	217,782
5	653 x 222 =	144,966
6	363 x 222 =	80,586
7	440 x 222 =	97,680
8	280 x 222 =	62,160
9	117 x 222 =	25,974
10	608 x 222 =	134,976

1	136 x 222 =	30,192
2	249 x 222 =	55,278
3	368 x 222 =	81,696
4	419 x 222 =	93,018
5	576 x 222 =	127,872
6	693 x 222 =	153,846
7	786 x 222 =	174,492
8	816 x 222 =	181,152
9	971 x 222 =	215,562
10	306 x 222 =	67,932

1	165 x 222 =	36,630
2	209 x 222 =	46,398
3	322 x 222 =	71,484
4	498 x 222 =	110,556
5	599 x 222 =	132,978
6	638 x 222 =	141,636
7	715 x 222 =	158,730
8	816 x 222 =	181,152
9	954 x 222 =	211,788
10	401 x 222 =	89,022

1	587 x 222 =	130,314
2	463 x 222 =	102,786
3	379 x 222 =	84,138
4	228 x 222 =	50,616
5	156 x 222 =	34,632
6	983 x 222 =	218,226
7	850 x 222 =	188,700
8	749 x 222 =	166,278
9	621 x 222 =	137,862
10	304 x 222 =	67,488

1	955 x 222 =	212,010
2	196 x 222 =	43,512
3	876 x 222 =	194,472
4	232 x 222 =	51,504
5	793 x 222 =	176,046
6	324 x 222 =	71,928
7	618 x 222 =	137,196
8	491 x 222 =	109,002
9	522 x 222 =	115,884
10	808 x 222 =	179,376

1	196 x 222 =	43,512
2	215 x 222 =	47,730
3	314 x 222 =	69,708
4	418 x 222 =	92,796
5	519 x 222 =	115,218
6	620 x 222 =	137,640
7	726 x 222 =	161,172
8	840 x 222 =	186,480
9	960 x 222 =	213,120
10	508 x 222 =	112,776



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Dominio intermedio - 8 - Lección - 1
Cálculo con el Tika
Multiplicación de 3 dígitos por 3 dígitos
Eficiencia Mínima: 75 %



1	196 x 222 =	43,512
2	204 x 222 =	45,288
3	333 x 222 =	73,926
4	411 x 222 =	91,242
5	598 x 222 =	132,756
6	671 x 222 =	148,962
7	738 x 222 =	163,836
8	897 x 222 =	199,134
9	946 x 222 =	210,012
10	305 x 222 =	67,710

1	987 x 222 =	219,114
2	874 x 222 =	194,028
3	745 x 222 =	165,390
4	632 x 222 =	140,304
5	541 x 222 =	120,102
6	421 x 222 =	93,462
7	365 x 222 =	81,030
8	258 x 222 =	57,276
9	122 x 222 =	27,084
10	708 x 222 =	157,176

1	981 x 222 =	217,782
2	863 x 222 =	191,586
3	744 x 222 =	165,168
4	635 x 222 =	140,970
5	529 x 222 =	117,438
6	478 x 222 =	106,116
7	391 x 222 =	86,802
8	217 x 222 =	48,174
9	173 x 222 =	38,406
10	702 x 222 =	155,844

1	516 x 222 =	114,552
2	825 x 222 =	183,150
3	756 x 222 =	167,832
4	974 x 222 =	216,228
5	301 x 222 =	66,822
6	875 x 222 =	194,250
7	888 x 222 =	197,136
8	233 x 222 =	51,726
9	596 x 222 =	132,312
10	730 x 222 =	162,060

1	944 x 222 =	209,568
2	853 x 222 =	189,366
3	768 x 222 =	170,496
4	651 x 222 =	144,522
5	546 x 222 =	121,212
6	418 x 222 =	92,796
7	326 x 222 =	72,372
8	277 x 222 =	61,494
9	162 x 222 =	35,964
10	509 x 222 =	112,998

1	147 x 222 =	32,634
2	926 x 222 =	205,572
3	276 x 222 =	61,272
4	853 x 222 =	189,366
5	355 x 222 =	78,810
6	799 x 222 =	177,378
7	433 x 222 =	96,126
8	655 x 222 =	145,410
9	574 x 222 =	127,428
10	707 x 222 =	156,954



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Dominio intermedio - 8 - Lección - 1
Cálculo en el Nepo
Multiplicación de 3 dígitos por 3 dígitos
Eficiencia Mínima: 75 %



1	113 x 222 =	25,086
2	247 x 222 =	54,834
3	325 x 222 =	72,150
4	410 x 222 =	91,020
5	517 x 222 =	114,774
6	691 x 222 =	153,402
7	743 x 222 =	164,946
8	833 x 222 =	184,926
9	954 x 222 =	211,788
10	103 x 222 =	22,866

1	112 x 222 =	24,864
2	229 x 222 =	50,838
3	333 x 222 =	73,926
4	445 x 222 =	98,790
5	556 x 222 =	123,432
6	667 x 222 =	148,074
7	778 x 222 =	172,716
8	889 x 222 =	197,358
9	991 x 222 =	220,002
10	122 x 222 =	27,084

1	230 x 222 =	51,060
2	429 x 222 =	95,238
3	695 x 222 =	154,290
4	812 x 222 =	180,264
5	181 x 222 =	40,182
6	329 x 222 =	73,038
7	537 x 222 =	119,214
8	709 x 222 =	157,398
9	914 x 222 =	202,908
10	105 x 222 =	23,310

1	994 x 222 =	220,668
2	891 x 222 =	197,802
3	743 x 222 =	164,946
4	652 x 222 =	144,744
5	536 x 222 =	118,992
6	417 x 222 =	92,574
7	398 x 222 =	88,356
8	259 x 222 =	57,498
9	137 x 222 =	30,414
10	206 x 222 =	45,732

1	120 x 222 =	26,640
2	235 x 222 =	52,170
3	308 x 222 =	68,376
4	450 x 222 =	99,900
5	562 x 222 =	124,764
6	687 x 222 =	152,514
7	756 x 222 =	167,832
8	890 x 222 =	197,580
9	904 x 222 =	200,688
10	802 x 222 =	178,044

1	922 x 222 =	204,684
2	825 x 222 =	183,150
3	741 x 222 =	164,502
4	638 x 222 =	141,636
5	552 x 222 =	122,544
6	434 x 222 =	96,348
7	329 x 222 =	73,038
8	287 x 222 =	63,714
9	106 x 222 =	23,532
10	903 x 222 =	200,466



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Dominio intermedio - 8 - Lección - 1
Cálculo con el Tika
Multiplicación de 3 dígitos por 3 dígitos
Eficiencia Mínima: 75 %



1	901 x 222 =	200,022
2	802 x 222 =	178,044
3	703 x 222 =	156,066
4	604 x 222 =	134,088
5	505 x 222 =	112,110
6	406 x 222 =	90,132
7	307 x 222 =	68,154
8	208 x 222 =	46,176
9	109 x 222 =	24,198
10	110 x 222 =	24,420

1	114 x 222 =	25,308
2	218 x 222 =	48,396
3	369 x 222 =	81,918
4	452 x 222 =	100,344
5	508 x 222 =	112,776
6	626 x 222 =	138,972
7	796 x 222 =	176,712
8	853 x 222 =	189,366
9	958 x 222 =	212,676
10	105 x 222 =	23,310

1	915 x 222 =	203,130
2	842 x 222 =	186,924
3	763 x 222 =	169,386
4	684 x 222 =	151,848
5	550 x 222 =	122,100
6	407 x 222 =	90,354
7	312 x 222 =	69,264
8	205 x 222 =	45,510
9	116 x 222 =	25,752
10	660 x 222 =	146,520

1	118 x 222 =	26,196
2	945 x 222 =	209,790
3	897 x 222 =	199,134
4	956 x 222 =	212,232
5	506 x 222 =	112,332
6	789 x 222 =	175,158
7	981 x 222 =	217,782
8	789 x 222 =	175,158
9	325 x 222 =	721,50
10	115 x 222 =	25,530

1	557 x 222 =	123,654
2	619 x 222 =	137,418
3	715 x 222 =	158,730
4	826 x 222 =	183,372
5	972 x 222 =	215,784
6	135 x 222 =	29,970
7	219 x 222 =	48,618
8	326 x 222 =	72,372
9	418 x 222 =	92,796
10	207 x 222 =	45,954

1	932 x 222 =	206,904
2	814 x 222 =	180,708
3	773 x 222 =	171,606
4	693 x 222 =	153,846
5	588 x 222 =	130,536
6	477 x 222 =	105,894
7	392 x 222 =	87,024
8	289 x 222 =	64,158
9	146 x 222 =	32,412
10	404 x 222 =	89,688



EFICIENCIA
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Dominio intermedio - 8 - Lección - 1

Cálculo en el Nepo

Multiplicación de 3 dígitos por 3 dígitos

Eficiencia Mínima: 75 %



1	902 x 222 =	200,244
2	864 x 222 =	191,808
3	796 x 222 =	176,712
4	655 x 222 =	145,410
5	502 x 222 =	112,110
6	419 x 222 =	93,018
7	357 x 222 =	79,254
8	481 x 222 =	106,782
9	209 x 222 =	46,398
10	190 x 222 =	42,180

1	496 x 222 =	110,112
2	388 x 222 =	86,136
3	297 x 222 =	65,934
4	186 x 222 =	41,292
5	551 x 222 =	122,322
6	668 x 222 =	148,296
7	723 x 222 =	160,506
8	814 x 222 =	180,708
9	915 x 222 =	203,130
10	501 x 222 =	111,222

1	135 x 222 =	29,970
2	356 x 222 =	79,032
3	578 x 222 =	128,316
4	799 x 222 =	177,378
5	936 x 222 =	207,792
6	244 x 222 =	54,168
7	445 x 222 =	98,790
8	672 x 222 =	149,184
9	831 x 222 =	184,482
10	903 x 222 =	200,466

1	961 x 222 =	213,342
2	872 x 222 =	193,584
3	789 x 222 =	175,158
4	692 x 222 =	153,624
5	523 x 222 =	116,106
6	416 x 222 =	92,352
7	398 x 222 =	88,356
8	266 x 222 =	59,052
9	199 x 222 =	44,178
10	207 x 222 =	45,954

1	136 x 222 =	30,192
2	265 x 222 =	58,830
3	354 x 222 =	78,588
4	456 x 222 =	101,232
5	569 x 222 =	126,318
6	698 x 222 =	154,956
7	789 x 222 =	175,158
8	890 x 222 =	197,580
9	932 x 222 =	206,904
10	603 x 222 =	133,866

1	114 x 222 =	25,308
2	916 x 222 =	203,352
3	235 x 222 =	52,170
4	872 x 222 =	193,584
5	391 x 222 =	86,802
6	725 x 222 =	160,950
7	421 x 222 =	93,462
8	685 x 222 =	152,070
9	526 x 222 =	116,772
10	405 x 222 =	89,910



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Dominio intermedio - 8 - Lección - 1
Cálculo con el Tika
Multiplicación de 3 dígitos por 3 dígitos
Eficiencia Mínima: 75 %



1	114 x 222 =	25,308
2	916 x 222 =	203,352
3	235 x 222 =	52,170
4	872 x 222 =	193,584
5	391 x 222 =	86,802
6	725 x 222 =	160,950
7	421 x 222 =	93,462
8	685 x 222 =	152,070
9	526 x 222 =	116,772
10	405 x 222 =	89,910

1	994 x 222 =	220,668
2	891 x 222 =	197,802
3	743 x 222 =	164,946
4	652 x 222 =	144,744
5	536 x 222 =	118,992
6	417 x 222 =	92,574
7	398 x 222 =	88,356
8	259 x 222 =	57,498
9	137 x 222 =	30,414
10	206 x 222 =	45,732

1	997 x 222 =	221,334
2	127 x 222 =	28,194
3	839 x 222 =	186,258
4	257 x 222 =	57,054
5	793 x 222 =	176,046
6	375 x 222 =	83,250
7	646 x 222 =	143,412
8	477 x 222 =	105,894
9	576 x 222 =	127,872
10	606 x 222 =	134,532

1	997 x 222 =	221,334
2	127 x 222 =	28,194
3	839 x 222 =	186,258
4	257 x 222 =	57,054
5	793 x 222 =	176,046
6	375 x 222 =	83,250
7	646 x 222 =	143,412
8	477 x 222 =	105,894
9	576 x 222 =	127,872
10	606 x 222 =	134,532

1	942 x 222 =	209,124
2	863 x 222 =	191,586
3	772 x 222 =	171,384
4	681 x 222 =	151,182
5	536 x 222 =	118,992
6	419 x 222 =	93,018
7	396 x 222 =	87,912
8	278 x 222 =	61,716
9	116 x 222 =	25,752
10	507 x 222 =	112,554

1	651 x 222 =	144,522
2	792 x 222 =	175,824
3	896 x 222 =	198,912
4	988 x 222 =	219,336
5	139 x 222 =	30,858
6	228 x 222 =	50,616
7	336 x 222 =	74,592
8	494 x 222 =	109,668
9	577 x 222 =	128,094
10	506 x 222 =	112,332