Soroban Technology Lab

# Dan Multiplication (10 min)

| N° | | Nom | |
|---|---|---|---|
| Date | | Score | |

(Note) Arrondir à 3 décimales

| | |
|---|---|
| 1 | 0.01647 × 0.064975 = |
| 2 | 0.731908 × 0.12364 = |
| 3 | 9,632.15 × 29.017 = |
| 4 | 285,903 × 82,150 = |
| 5 | 621,374 × 49,738 = |
| 6 | 385,749 × 35,076 = |
| 7 | 5,803,942 × 5,829 = |
| 8 | 824,670 × 7,805.3 = |
| 9 | 485,061 × 68,142 = |
| 10 | 175,296 × 93.461 = |
| 11 | 62,508 × 214,875 = |
| 12 | 0.506487 × 0.43726 = |
| 13 | 753,109 × 0.05267 = |
| 14 | 937,861 × 69,582 = |
| 15 | 869,273 × 90,143 = |
| 16 | 2,179,435 × 1,950 = |
| 17 | 194,270 × 8.2614 = |
| 18 | 341,092 × 39,708 = |
| 19 | 0.056834 × 7,384.1 = |
| 20 | 45.1286 × 5.3069 = |

(Note) Arrondir au yen le plus proche

| | |
|---|---|
| 21 | ¥ 94,872 × 10.9725 = |
| 22 | ¥ 241,368 × 0.60213 = |
| 23 | ¥ 783,106 × 2,563.8 = |
| 24 | ¥ 591,264 × 0.08479 = |
| 25 | ¥ 435,917 × 79,640 = |
| 26 | ¥ 678,029 × 38,147 = |
| 27 | ¥ 347,250 × 98,534 = |
| 28 | ¥ 8,360,295 × 5,291 = |
| 29 | ¥ 908,541 × 80,762 = |
| 30 | ¥ 175,603 × 0.43516 = |
| 31 | ¥ 5,640,271 × 3,198 = |
| 32 | ¥ 361,859 × 16,457 = |
| 33 | ¥ 649,038 × 0.09345 = |
| 34 | ¥ 285,906 × 27,301 = |
| 35 | ¥ 987,104 × 74,920 = |
| 36 | ¥ 79,402 × 0.460789 = |
| 37 | ¥ 412,563 × 0.61352 = |
| 38 | ¥ 189,357 × 965.83 = |
| 39 | ¥ 314,270 × 52,876 = |
| 40 | ¥ 876,325 × 8,120.4 = |

# Dan Division (10 min)

| N° | | Nom | |
|---|---|---|---|
| Date | | Score | |

(Note) Arrondir à 3 décimales

| | |
|---|---|
| 1 | 1,436,529,324 ÷ 15,306 = |
| 2 | 3,211,984.358 ÷ 8,901 = |
| 3 | 2,341,610,040 ÷ 43,267 = |
| 4 | 6,438,734.08 ÷ 9,786.5 = |
| 5 | 675,067,480 ÷ 645,380 = |
| 6 | 2,796,171,696 ÷ 30,192 = |
| 7 | 5,668,921,439 ÷ 74,219 = |
| 8 | 0.87911115 ÷ 0.01784 = |
| 9 | 5.39039973 ÷ 0.26753 = |
| 10 | 462,262,514 ÷ 5,294.8 = |
| 11 | 0.72587619 ÷ 0.04568 = |
| 12 | 497,655,711 ÷ 7,295.4 = |
| 13 | 3,284,451,166 ÷ 83,197 = |
| 14 | 896,711,536 ÷ 20,846 = |
| 15 | 1,691,361,679 ÷ 61,279 = |
| 16 | 333,519.4635 ÷ 470.2 = |
| 17 | 3,588,647.32 ÷ 376,840 = |
| 18 | 5,129,668,947 ÷ 93,561 = |
| 19 | 832,938,400 ÷ 10,325 = |
| 20 | 25.66790769 ÷ 0.58913 = |

(Note) Arrondir au yen le plus proche

| | |
|---|---|
| 21 | ¥ 16,876 ÷ 0.80526 = |
| 22 | ¥ 67,918,752 ÷ 2,143.9 = |
| 23 | ¥ 6,882 ÷ 0.09375 = |
| 24 | ¥ 2,478,379,988 ÷ 39,862 = |
| 25 | ¥ 5,396,581,575 ÷ 57,981 = |
| 26 | ¥ 30,623,466 ÷ 702.68 = |
| 27 | ¥ 1,279,842,822 ÷ 6,714 = |
| 28 | ¥ 406,184,220 ÷ 14,580 = |
| 29 | ¥ 47,555 ÷ 0.92347 = |
| 30 | ¥ 3,474,945,686 ÷ 410,653 = |
| 31 | ¥ 12,560 ÷ 0.0256 = |
| 32 | ¥ 1,134,357,220 ÷ 57,340 = |
| 33 | ¥ 58,735 ÷ 0.86259 = |
| 34 | ¥ 11,491 ÷ 3.69704 = |
| 35 | ¥ 4,339,113,332 ÷ 45,901 = |
| 36 | ¥ 780,351,558 ÷ 13,867 = |
| 37 | ¥ 2,648,197,640 ÷ 93,148 = |
| 38 | ¥ 68,325 ÷ 0.78125 = |
| 39 | ¥ 263,182 ÷ 20.793 = |
| 40 | ¥ 4,859,920,068 ÷ 68,412 = |

Soroban Technology Lab

# Dan Addition et soustraction (8 min)

| N° | | Nom | |
|---|---|---|---|
| Date | | Score | |

| N° | 1 | 2 | 3 | 4 | 5 |
|---|---|---|---|---|---|
| 1 | ¥ 678,531 | ¥ 8,670,125 | ¥ 6,537,182 | ¥ 2,896,347 | ¥ 941,035,862 |
| 2 | 1,964,307,852 | 2,716,945,083 | 2,604,971,853 | 36,209,814 | 394,256 |
| 3 | 506,824,913 | 190,628,435 | −857,023,694 | 423,751 | 217,089 |
| 4 | 49,175,206 | 9,302,847,561 | −451,862 | 537,802 | −198,435,670 |
| 5 | 950,728 | 34,296,718 | 740,328,916 | 613,749,058 | −7,261,358 |
| 6 | 7,138,042,695 | 581,390 | 947,208 | 5,167,894,320 | 4,920,137 |
| 7 | 475,139,068 | 7,204,539 | 9,481,236,750 | 75,910,462 | 80,652,743 |
| 8 | 3,921,647 | 61,457,982 | 39,614,075 | 1,320,547,689 | 6,819,573,402 |
| 9 | 2,487,310 | 324,670 | −13,795,620 | 8,061,945 | −7,032,841,695 |
| 10 | 80,563,294 | 473,019,856 | −5,380,491 | 901,658,273 | −56,708,419 |
| Total | | | | | |

| N° | 6 | 7 | 8 | 9 | 10 |
|---|---|---|---|---|---|
| 1 | ¥ 291,385 | ¥ 5,842,703,169 | ¥ 8,051,936,724 | ¥ 576,219,043 | ¥ 85,420,719 |
| 2 | 179,453,026 | 7,921,830,546 | 2,457,108 | 10,956,384 | 596,834,021 |
| 3 | 58,370,412 | −396,187 | 529,036 | 7,145,892,630 | 9,068,572 |
| 4 | 60,429,157 | −8,475,032 | 715,698,342 | −9,462,017,358 | 310,654,987 |
| 5 | 3,086,412 | 259,340 | 30,542,976 | −89,175,206 | 276,143 |
| 6 | 6,507,938,241 | 60,871,925 | 1,894,306,527 | 427,513 | 309,582 |
| 7 | 726,153,890 | 96,103,472 | 9,753,281 | 8,760,194 | 1,823,467,950 |
| 8 | 9,815,742,603 | −104,568,723 | 487,021,963 | −297,834,605 | 4,701,638 |
| 9 | 4,567,938 | −5,647,891 | 860,415 | −3,108,429 | 71,295,364 |
| 10 | 804,769 | 413,982,605 | 63,174,890 | 683,752 | 6,037,148,295 |
| Total | | | | | |

Dan  Addition et soustraction  (8 min)

| N° | 11 | 12 | 13 | 14 | 15 |
|---|---|---|---|---|---|
| 1 | ¥ 2,860,493,751 | ¥ 68,142,930 | ¥ 573,904 | ¥ 354,210,976 | ¥ 7,385,694,102 |
| 2 | 975,126 | 7,958,601 | 674,059,283 | 4,081,693,257 | 94,857,023 |
| 3 | 8,237,490 | 8,214,096,735 | 901,824,536 | 8,726,940 | −690,871 |
| 4 | 854,961 | 738,564 | −179,265 | 5,943,102,687 | −10,472,965 |
| 5 | 59,012,837 | 563,072 | −7,518,634 | 6,043,158 | 3,976,208,451 |
| 6 | 104,368,259 | 1,809,675,324 | 8,423,705,961 | 375,814 | 2,364,970 |
| 7 | 4,923,706,815 | 381,590,247 | 30,961,872 | 12,698,503 | 835,216 |
| 8 | 36,142,078 | 2,317,459 | 4,159,680,327 | 765,324,091 | −1,582,364 |
| 9 | 7,309,564 | 46,809,213 | −16,237,048 | 987,425 | −457,019,638 |
| 10 | 672,580,143 | 970,421,586 | −2,498,150 | 20,831,769 | 508,123,749 |
| Total | | | | | |

| N° | 16 | 17 | 18 | 19 | 20 |
|---|---|---|---|---|---|
| 1 | ¥ 1,309,782 | ¥ 794,563,218 | ¥ 52,143,089 | ¥ 3,875,102 | ¥ 58,142,306 |
| 2 | 145,396 | 2,163,905,847 | 17,682,390 | 84,752,936 | 1,430,597 |
| 3 | 9,218,705 | 82,049,675 | 564,179 | −4,295,830,617 | 79,026,851 |
| 4 | 3,085,461,972 | −207,138 | 6,057,821 | −7,968,143 | 319,025 |
| 5 | 560,293,148 | −6,379,804 | 4,815,630 | 958,047,216 | 814,762,390 |
| 6 | 46,029,573 | 18,692,045 | 2,508,946,713 | 20,163,879 | 437,685 |
| 7 | 756,834 | 9,510,723 | 397,462 | 149,320,658 | 2,684,739 |
| 8 | 6,354,872,019 | 5,920,731,486 | 743,629,508 | 594,320 | 7,365,908,142 |
| 9 | 813,947,260 | −426,351 | 890,471,325 | −6,732,109,485 | 906,875,214 |
| 10 | 27,680,451 | −347,158,960 | 9,021,738,654 | −451,067 | 6,280,591,473 |
| Total | | | | | |

Soroban Technology Lab

Dan Reçus (8 min)

| | | | |
|---|---|---|---|
| N° | | Nom | |
| Date | | Score | |

| | | | |
|---|---|---|---|
| 1 | | 11 | |
| 2 | | 12 | |
| 3 | | 13 | |
| 4 | | 14 | |
| 5 | | 15 | |
| 6 | | 16 | |
| 7 | | 17 | |
| 8 | | 18 | |
| 9 | | 19 | |
| 10 | | 20 | |

Dan Reçus (8 min)

# Dan

Reçus

(8 min)

1

(1) ₹ 940,783

(2) ₹ 174,526

(3) ₹ 381,627,905

(4) ₹ 86,915

(5) ₹ 30,475,289

2

(1) ₹ 54,693,102

(2) ₹ 51,479

(3) ₹ 836,591

(4) ₹ 45,132,780

(5) ₹ 5,780,691

3

(1) ₹ 609,548,317

(2) ₹ 365,108

(3) ₹ 90,457,268

(4) ₹ 71,093,854

(5) ₹ 956,413

Dan Reçus (8 min)

4

(1) ¥ 846,071,952

(2) ¥ 815,639,427

(3) ¥ 49,186,305

(4) ¥ 760,825,349

(5) ¥ 76,082,549

5

(1) ¥ 5,306,128

(2) ¥ 4,286,309

(3) ¥ 72,814

(4) ¥ 201,764

(5) ¥ 25,974

6

(1) ¥ 218,437

(2) ¥ 83,014,765

(3) ¥ 136,049,578

(4) ¥ 196,730,425

(5) ¥ 827,143,065

7

(1) ¥ 18,729,065

(2) ¥ 726,405,893

(3) ¥ 291,730

(4) ¥ 502,468,197

(5) ¥ 369,817,250

Dan Reçus (8 min)

| | |
|---|---|
| 10 | 8 |
| (1) ¥ 35,874 | (1) ¥ 423,807,619 |
| (2) ¥ 207,948,651 | (2) ¥ 91,753,280 |
| (3) ¥ 4,785,692 | (3) ¥ 62,503,149 |
| (4) ¥ 9,314,602 | (4) ¥ 37,950,281 |
| (5) ¥ 42,301,897 | (5) ¥ 183,796,425 |
| Les pages suivantes sont les exercices (6)-(10). | 9 |
| | (1) ¥ 71,452,936 |
| | (2) ¥ 60,827,934 |
| | (3) ¥ 518,374,026 |
| | (4) ¥ 695,378 |
| | (5) ¥ 634,108 |

Dan Reçus (8 min)

11

(6) ₹ 5,791,804

(7) ₹ 82,593,046

(8) ₹ 513,074,692

(9) ₹ 958,032

(10) ₹ 963,724

12

(6) ₹ 653,042

(7) ₹ 479,561

(8) ₹ 39,528,170

(9) ₹ 294,703,568

(10) ₹ 780,452,139

13

(6) ₹ 31,065,798

(7) ₹ 164,985,723

(8) ₹ 50,236

(9) ₹ 1,375,240

(10) ₹ 46,718,392

14

(6) ₹ 90,453

(7) ₹ 948,167,350

(8) ₹ 975,084,163

(9) ₹ 81,629

(10) ₹ 8,042,539

Dan Reçus (8 min)

15

(6) ₹ 182,549

(7) ₹ 70,894

(8) ₹ 204,318,976

(9) ₹ 309,865,241

(10) ₹ 57,680

16

(6) ₹ 20,978,631

(7) ₹ 509,864,132

(8) ₹ 452,709

(9) ₹ 47,183,920

(10) ₹ 14,605,397

17

(6) ₹ 682,541,973

(7) ₹ 35,217,809

(8) ₹ 7,809,324

(9) ₹ 18,430,756

(10) ₹ 31,248,950

18

(6) ₹ 768,254,019

(7) ₹ 1,345,726

(8) ₹ 82,976,501

(9) ₹ 765,024,183

(10) ₹ 526,018

19

(6) ≠ 813,406,297

(7) ≠ 26,031,475

(8) ≠ 68,293,415

(9) ≠ 53,216,897

(10) ≠ 273,890,146

20

(6) ≠ 47,825,360

(7) ≠ 602,918

(8) ≠ 167,843

(9) ≠ 697,405

(10) ≠ 659,374,201

Les pages suivantes sont les exercices (11)-(15).

21

(11) ≠ 80,617,495

(12) ≠ 9,368,517

(13) ≠ 548,069

(14) ≠ 8,073,541

(15) ≠ 5,412,630

Dan Reçus (8 min)

22

(11) ₹ 30,142

(12) ₹ 283,609

(13) ₹ 26,095,814

(14) ₹ 129,750

(15) ₹ 654,029

23

(11) ₹ 78,305,294

(12) ₹ 420,597

(13) ₹ 61,732

(14) ₹ 27,984,031

(15) ₹ 41,238,576

24

(11) ₹ 241,758,963

(12) ₹ 642,739,018

(13) ₹ 805,376,249

(14) ₹ 643,285

(15) ₹ 769,054

25

(11) ₹ 296,075

(12) ₹ 31,905,286

(13) ₹ 431,208,795

(14) ₹ 61,720,359

(15) ₹ 86,190,247

# Dan Reçus (8 min)

26

(11) ¥ 135,682

(12) ¥ 57,246,930

(13) ¥ 312,946,850

(14) ¥ 403,295,768

(15) ¥ 279,846,503

27

(11) ¥ 62,941,730

(12) ¥ 10,894,365

(13) ¥ 3,719,648

(14) ¥ 58,406

(15) ¥ 10,632,758

28

(11) ¥ 537,869,421

(12) ¥ 405,128,673

(13) ¥ 97,630,584

(14) ¥ 34,867,912

(15) ¥ 397,508,412

29

(11) ¥ 956,083,147

(12) ¥ 73,148

(13) ¥ 79,283,106

(14) ¥ 715,408,693

(15) ¥ 852,971,360

Dan Reçus (8 min)

30

(11) ₹ 4,512,809

(12) ₹ 896,051,724

(13) ₹ 152,473

(14) ₹ 946,532,107

(15) ₹ 93,184

Les pages suivantes sont les exercices (16)-(20).

31

(16) ₹ 512,894,036

(17) ₹ 40,396,812

(18) ₹ 380,157

(19) ₹ 659,074,813

(20) ₹ 368,751

32

(16) ₹ 105,483,762

(17) ₹ 389,104,265

(18) ₹ 809,547,623

(19) ₹ 2,148,360

(20) ₹ 52,903

# Dan Reçus (8 min)

33

(16) ¥ 7,518,620

(17) ¥ 23,496

(18) ¥ 714,385

(19) ¥ 73,651,248

(20) ¥ 408,936,251

34

(16) ¥ 325,917

(17) ¥ 954,187,203

(18) ¥ 52,967,108

(19) ¥ 37,694

(20) ¥ 4,518,670

35

(16) ¥ 41,630,798

(17) ¥ 768,320

(18) ¥ 238,675,490

(19) ¥ 985,062,731

(20) ¥ 69,705,824

36

(16) ¥ 978,342

(17) ¥ 1,627,954

(18) ¥ 6,409,213

(19) ¥ 861,723,509

(20) ¥ 816,043,792

# Dan Reçus (8 min)

37

(16) ¥ 86,495

(17) ¥ 75,089,143

(18) ¥ 98,756

(19) ¥ 40,316,892

(20) ¥ 75,280,634

38

(16) ¥ 689,251,073

(17) ¥ 517,930,628

(18) ¥ 497,153,062

(19) ¥ 541,987

(20) ¥ 159,467

39

(16) ¥ 20,739,164

(17) ¥ 68,512,037

(18) ¥ 64,870,921

(19) ¥ 16,927,450

(20) ¥ 20,487,139

40

(16) ¥ 38,041,256

(17) ¥ 849,675

(18) ¥ 15,026,834

(19) ¥ 285,043

(20) ¥ 983,624,015

# Corrigé  Dan

## Multiplication

| | |
|---|---|
| 1 | 0.001 |
| 2 | 0.090 |
| 3 | 279,496.097 |
| 4 | 23,486,931,450 |
| 5 | 30,905,900,012 |
| 6 | 13,530,531,924 |
| 7 | 33,831,177,918 |
| 8 | 6,436,796,751 |
| 9 | 33,053,026,662 |
| 10 | 16,383,339.456 |
| 11 | 13,431,406,500 |
| 12 | 0.221 |
| 13 | 39,666.251 |
| 14 | 65,258,244,102 |
| 15 | 78,358,876,039 |
| 16 | 4,249,898,250 |
| 17 | 1,604,942.178 |
| 18 | 13,544,081,136 |
| 19 | 419.668 |
| 20 | 239.493 |
| 21 | ¥1,040,983 |
| 22 | ¥145,335 |
| 23 | ¥2,007,727,163 |
| 24 | ¥50,133 |
| 25 | ¥34,716,429,880 |
| 26 | ¥25,864,772,263 |
| 27 | ¥34,215,931,500 |
| 28 | ¥44,234,320,845 |
| 29 | ¥73,375,588,242 |
| 30 | ¥76,415 |
| 31 | ¥18,037,586,658 |
| 32 | ¥5,955,113,563 |
| 33 | ¥60,653 |
| 34 | ¥7,805,519,706 |
| 35 | ¥73,953,831,680 |
| 36 | ¥36,588 |
| 37 | ¥253,116 |
| 38 | ¥182,886,671 |
| 39 | ¥16,617,340,520 |
| 40 | ¥7,116,109,530 |

## Division

| | |
|---|---|
| 1 | 93,854 |
| 2 | 360.857 |
| 3 | 54,120 |
| 4 | 657.92 |
| 5 | 1,046 |
| 6 | 92,613 |
| 7 | 76,381 |
| 8 | 49.278 |
| 9 | 20.149 |
| 10 | 87,305 |
| 11 | 15.890 |
| 12 | 68,215 |
| 13 | 39,478 |
| 14 | 43,016 |
| 15 | 27,601 |
| 16 | 709.314 |
| 17 | 9.523 |
| 18 | 54,827 |
| 19 | 80,672 |
| 20 | 43.569 |
| 21 | ¥20,957 |
| 22 | ¥31,680 |
| 23 | ¥73,408 |
| 24 | ¥62,174 |
| 25 | ¥93,075 |
| 26 | ¥43,581 |
| 27 | ¥190,623 |
| 28 | ¥27,859 |
| 29 | ¥51,496 |
| 30 | ¥8,462 |
| 31 | ¥490,625 |
| 32 | ¥19,783 |
| 33 | ¥68,091 |
| 34 | ¥3,108 |
| 35 | ¥94,532 |
| 36 | ¥56,274 |
| 37 | ¥28,430 |
| 38 | ¥87,456 |
| 39 | ¥12,657 |
| 40 | ¥71,039 |

## Addition et soustraction

| | |
|---|---|
| 1 | ¥10,222,091,244 |
| 2 | ¥12,795,976,359 |
| 3 | ¥11,996,984,317 |
| 4 | ¥8,127,889,461 |
| 5 | ¥551,546,347 |
| 6 | ¥17,356,837,833 |
| 7 | ¥14,216,663,224 |
| 8 | ¥11,256,281,262 |
| 9 | −¥2,109,196,082 |
| 10 | ¥8,939,177,271 |
| 11 | ¥8,673,681,024 |
| 12 | ¥11,502,313,731 |
| 13 | ¥14,164,372,786 |
| 14 | ¥11,193,994,620 |
| 15 | ¥11,498,317,673 |
| 16 | ¥10,899,715,140 |
| 17 | ¥8,635,280,741 |
| 18 | ¥13,246,446,771 |
| 19 | −¥9,819,605,201 |
| 20 | ¥15,510,178,422 |

## Reçus

| | |
|---|---|
| 1 | ¥2,030,804,213 |
| 2 | ¥1,990,467,372 |
| 3 | ¥1,244,185,058 |
| 4 | ¥1,624,499,545 |
| 5 | ¥1,537,013,661 |
| 6 | ¥2,370,789,926 |
| 7 | ¥1,769,358,634 |
| 8 | ¥1,891,756,029 |
| 9 | ¥1,491,536,871 |
| 10 | ¥1,815,879,186 |
| 11 | ¥1,962,550,758 |
| 12 | ¥2,054,111,867 |
| 13 | ¥1,757,023,320 |
| 14 | ¥2,198,713,852 |
| 15 | ¥1,675,316,753 |
| 16 | ¥1,416,949,463 |
| 17 | ¥2,048,489,533 |
| 18 | ¥1,685,843,549 |
| 19 | ¥2,639,769,727 |
| 20 | ¥2,379,177,446 |