

令和3年度全国電卓競技大会

予選問題

乗算問題 (制限時間 8分)

(注意) 無名数で小数第5位未満の端数が出たとき、名数で円位未満の端数が出たとき、パーセントの小数第2位未満の端数が出たときは四捨五入すること。

採点欄

学校名 _____

参加番号 _____

氏名 _____

【禁無断転載】

No.1	$2,617,398 \times 4,860 =$	%	%	No.21	$¥ 729,418 \times 82,917 =$	%	%
2	$523,097 \times 67,129 =$	%	%	22	$¥ 4,168,250 \times 3,028 =$	%	%
3	$638,970 \times 94,381 =$	%	%	23	$¥ 201,463 \times 43,579 =$	%	%
4	$845,016 \times 53,607 =$	%	%	24	$¥ 639,752 \times 56,703 =$	%	%
5	$176,589 \times 36,715 =$	%	%	25	$¥ 354,807 \times 15,940 =$	%	%
No.1~No.5 小計 ①		100%		No.21~No.25 小計 ⑤		100%	
6	$698,150 \times 32,076 =$	%	%	26	$¥ 843,516 \times 26,458 =$	%	%
7	$270,314 \times 14,859 =$	%	%	27	$¥ 526,493 \times 14,790 =$	%	%
8	$128,065 \times 76,291 =$	%	%	28	$¥ 706,934 \times 96,873 =$	%	%
9	$974,021 \times 60,843 =$	%	%	29	$¥ 31,805 \times 891,327 =$	%	%
10	$89,273 \times 462,930 =$	%	%	30	$¥ 250,739 \times 60,932 =$	%	%
No.6~No.10 小計 ②		100%		No.26~No.30 小計 ⑥		100%	
(小計 ① + ②) 合計			100%	(小計 ⑤ + ⑥) 合計			100%
11	$4.0625 \times 0.724896 =$	%	%	31	$¥ 90,546 \times 0.048631 =$	%	%
12	$3.85462 \times 1.0574 =$	%	%	32	$¥ 837,291 \times 0.74812 =$	%	%
13	$713.294 \times 2.5918 =$	%	%	33	$¥ 612,384 \times 29.765 =$	%	%
14	$0.908741 \times 0.04293 =$	%	%	34	$¥ 109,375 \times 0.65824 =$	%	%
15	$0.024153 \times 80.352 =$	%	%	35	$¥ 578,609 \times 93.106 =$	%	%
No.11~No.15 小計 ③		100%		No.31~No.35 小計 ⑦		100%	
16	$3.41056 \times 0.21875 =$	%	%	36	$¥ 478,251 \times 0.53049 =$	%	%
17	$0.753642 \times 0.01568 =$	%	%	37	$¥ 917,820 \times 0.07154 =$	%	%
18	$0.059847 \times 8.1904 =$	%	%	38	$¥ 6,954,037 \times 360.1 =$	%	%
19	$43.6928 \times 543.72 =$	%	%	39	$¥ 869,102 \times 428.56 =$	%	%
20	$567.8139 \times 9.537 =$	%	%	40	$¥ 127,648 \times 0.78125 =$	%	%
No.16~No.20 小計 ④		100%		No.36~No.40 小計 ⑧		100%	
(小計 ③ + ④) 合計			100%	(小計 ⑦ + ⑧) 合計			100%

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除算問題 (制限時間 8分)

(注意) 無名数で小数第5位未満の端数が出たとき、名数で円位未満の端数が出たとき、パーセントの小数第2位未満の端数が出たときは四捨五入すること。

採点欄

学校名 _____

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【禁無断転載】

No.1	$3,389,157,480 \div 52,968 =$	%	%	No.21	$\yen 3,697,623,216 \div 97,104 =$	%	%
2	$957,806,568 \div 37,846 =$	%	%	22	$\yen 1,391,009,616 \div 15,432 =$	%	%
3	$3,902,542,007 \div 795,301 =$	%	%	23	$\yen 2,616,373,980 \div 32,087 =$	%	%
4	$1,206,152,580 \div 12,867 =$	%	%	24	$\yen 1,163,601,120 \div 4,960 =$	%	%
5	$2,170,833,373 \div 62,093 =$	%	%	25	$\yen 5,418,276,345 \div 86,409 =$	%	%
No.1~No.5 小計①		100%	/	No.21~No.25 小計⑤		100%	/
6	$635,325,795 \div 28,935 =$	%	%	26	$\yen 2,321,753,331 \div 56,743 =$	%	%
7	$2,367,871,140 \div 317,409 =$	%	%	27	$\yen 4,847,428,493 \div 89,431 =$	%	%
8	$3,758,862,468 \div 78,634 =$	%	%	28	$\yen 2,816,916,150 \div 42,850 =$	%	%
9	$2,803,537,737 \div 48,213 =$	%	%	29	$\yen 982,477,982 \div 3,719 =$	%	%
10	$1,526,206,320 \div 84,620 =$	%	%	30	$\yen 1,042,181,064 \div 96,534 =$	%	%
No.6~No.10 小計②		100%	/	No.26~No.30 小計⑥		100%	/
(小計① + ②) 合計		/	100%	(小計⑤ + ⑥) 合計		/	100%
11	$52,322.03937 \div 91,450 =$	%	%	31	$\yen 18,522 \div 0.21875 =$	%	%
12	$3.126987733 \div 0.4312 =$	%	%	32	$\yen 3,916 \div 0.753986 =$	%	%
13	$0.424339238 \div 2.7059 =$	%	%	33	$\yen 467,863 \div 6.4213 =$	%	%
14	$0.0497622521 \div 0.06184 =$	%	%	34	$\yen 71,172 \div 5.2698 =$	%	%
15	$5.96774742 \div 83.745 =$	%	%	35	$\yen 3,403 \div 0.07351 =$	%	%
No.11~No.15 小計③		100%	/	No.31~No.35 小計⑦		100%	/
16	$0.914088098 \div 1.0598 =$	%	%	36	$\yen 70,765 \div 0.79302 =$	%	%
17	$2.171502846 \div 0.6591 =$	%	%	37	$\yen 36,297 \div 0.68125 =$	%	%
18	$36,947.21628 \div 54,706 =$	%	%	38	$\yen 5,708,814 \div 186.07 =$	%	%
19	$0.0213868435 \div 0.02317 =$	%	%	39	$\yen 27,848 \div 2.90576 =$	%	%
20	$19.0560504 \div 965.72 =$	%	%	40	$\yen 3,080 \div 0.04128 =$	%	%
No.16~No.20 小計④		100%	/	No.36~No.40 小計⑧		100%	/
(小計③ + ④) 合計		/	100%	(小計⑦ + ⑧) 合計		/	100%

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予選問題

複合算問題 (制限時間 8分)

(注意) 小数第3位未満の端数が出たときは切り捨てること。ただし、端数処理は1題の解答について行うのではなく、1計算ごとに行うこと。

採点欄

学校名 _____

参加番号 _____

氏名 _____

【禁無断転載】

No. 1	$800,703,760,688 \div 996,386 + 156,631,750,534 \div 802,898 =$	No. 21	$(736,603,207,382 - 389,903,875,652) \div (133,302 + 229,140) =$
2	$(434.904 \times 813.688) \div (573.778 \div 0.20022) =$	22	$105.485 \div 0.020186 - 71.168 \div 0.32014 =$
3	$246,869 \times 670,493 + 860,895 \times 664,297 =$	23	$(49,561,564 - 32,612,411) \div (301,227 + 139,148) =$
4	$(483,902 - 269,499) \times (947,641 - 536,695) =$	24	$(136,227 - 991,618) \times (626,754 - 322,272) =$
5	$975,227 \times 770,717 - 222,472 \times 484,833 =$	25	$311,781 \times 727,355 + 470,525 \times 810,331 =$
6	$(338,451 - 279,295) \times (559,240 - 911,420) =$	26	$856,899 \times 580,629 - 176,167,724,600 \div 918,497 =$
7	$(750,652.925 \div 13.092) \div (45.003 \div 348.406) =$	27	$(600.183 \div 0.44963) \times (59.323 \div 63.116) =$
8	$(147,796 + 344,510) \times (657,429 + 146,574) =$	28	$258,920 \times 857,547 + 888,286 \times 754,853 =$
9	$690,703 \times 506,484 - 381,407 \times 769,401 =$	29	$(544,316 + 627,684) \times (225,351 + 444,649) =$
10	$(59,618,240 - 41,954,341) \div (758,836 + 362,539) =$	30	$(982,513,282,728 - 175,335,159,600) \div (916,029 - 572,615) =$
11	$851,161,185,576 \div 901,249 + 911,237 \times 524,354 =$	31	$(443,572 + 316,175) \times (444,183 + 728,499) =$
12	$(295,140,140,550 - 102,920,331,860) \div (294,711 + 907,903) =$	32	$(575,717.553 \div 240.943) \div (759.054 \div 651.965) =$
13	$760.669 \div 0.029954 - 84.892 \div 0.41871 =$	33	$(119,647 + 860,522) \times (653,041 + 320,171) =$
14	$(653,824 + 526,176) \times (128,140 + 622,860) =$	34	$366,227,745,574 \div 957,686 + 145,127,503,660 \div 420,818 =$
15	$587,506,545,375 \div 890,465 + 642,654,540,675 \div 820,335 =$	35	$933,148 \times 600,010 - 324,368,363,648 \div 908,432 =$
16	$(306,837 + 654,897) \times (434,053 + 367,616) =$	36	$(55,753,880 - 44,300,039) \div (568,472 - 252,347) =$
17	$(430,973,560,232 - 767,042,990,988) \div (747,508 - 264,192) =$	37	$850,315 \times 775,467 - 273,325,706,556 \div 517,063 =$
18	$(910,471 - 450,532) \times (555,079 + 705,667) =$	38	$(617,067,048,989 - 473,051,638,664) \div (807,425 - 914,100) =$
19	$854.353 \div 0.02391 - 286.474 \div 0.87118 =$	39	$276,894,165,366 \div 525,798 + 538,537 \times 818,174 =$
20	$(13,916,158 + 34,682,993) \div (328,226 + 198,149) =$	40	$(704.041 \div 0.10611) \times (918.269 \div 19.416) =$

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予選問題

解答表

①

■一種目200点を満点とし、乗算、除算は解答表の箇所だけを採点し、各40題、1題5点とする。

乗算

1		%	4.29%	21	¥		%	22.73%
2	35,114,978,513	%	%	22	¥		10.19%	%
3	60,306,627,570	%	%	23	¥	8,779,556,077	%	%
4		%	%	24	¥	36,275,857,656	%	%
5		4.05%	%	25	¥		4.57%	%
小計①	159,924,398,210	100%		小計⑤	¥		100%	
6	22,393,859,400	%	%	26	¥	22,317,746,328	%	%
7		%	1.35%	27	¥		%	2.93%
8		7.14%	%	28	¥		%	%
9		%	19.97%	29	¥		19.93%	%
10		%	%	30	¥	15,278,028,748	%	%
小計②		100%		小計⑥	¥		100%	
合計	296,694,569,844		100%	合計	¥	266,027,729,782		100%
11		0.16%	%	31	¥		%	%
12		0.22%	%	32	¥	626,394	%	%
13		%	5.96%	33	¥		25.04%	%
14	0.03901	%	%	34	¥	71,995	%	%
15	1.94074	%	%	35	¥		%	1.83%
小計③		100%		小計⑦	¥	72,802,372	100%	
16		%	%	36	¥		0.01%	%
17	0.01182	%	%	37	¥		%	%
18		%	%	38	¥		%	84.89%
19		81.43%	%	39	¥		%	12.63%
20		%	17.45%	40	¥	99,725	%	%
小計④	29,173,13843	100%		小計⑧	¥		100%	
合計	31,030,85434		100%	合計	¥	2,949,832,542		100%

除算

1		28.71%	%	21	¥		%	4.04%
2		%	%	22	¥		17.78%	%
3	4,907	%	%	23	¥		%	8.65%
4		%	24.91%	24	¥	234,597	%	%
5	34,961	%	%	25	¥	62,705	%	%
小計①	222,901	100%		小計⑤	¥		100%	
6		%	5.83%	26	¥		%	%
7		4.86%	%	27	¥	54,203	%	%
8		%	%	28	¥	65,739	%	%
9		37.91%	%	29	¥		%	28.02%
10		%	%	30	¥		2.48%	%
小計②	153,404	100%		小計⑥	¥		100%	
合計	376,305		100%	合計	¥	942,892		100%
11		%	%	31	¥	84,672	%	%
12		%	49.56%	32	¥		%	1.08%
13		1.77%	%	33	¥		32.74%	%
14	0.80469	%	%	34	¥	13,506	%	%
15		%	0.49%	35	¥	46,293	%	%
小計③	8,85674	100%		小計⑦	¥		100%	
16	0.86251	%	%	36	¥		34.67%	%
17	3.29465	%	%	37	¥		%	%
18		%	4.62%	38	¥	30,681	%	%
19		%	%	39	¥		3.72%	%
20		0.34%	%	40	¥		%	15.55%
小計④		100%		小計⑧	¥	257,392	100%	
合計	14,63205		100%	合計	¥			100%

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予選問題

解答表 ②

■一種目の題数および得点は、見取算20題(1題10点)、複合算40題(1題5点)、伝票算20題(1題10点)とする。

見取算

複合算

1	¥	20,268,017,082
2	¥	11,459,566,422
3	¥	12,029,218,066
4	¥	18,469,623,132
5	¥	5,637,971,889
6	¥	18,071,134,515
7	¥	-7,331,958,499
8	¥	12,195,312,795
9	¥	20,196,570,625
10	¥	18,977,514,705
11	¥	24,639,322,230
12	¥	13,762,438,785
13	¥	4,635,682,932
14	¥	16,848,292,338
15	¥	6,479,598,919
16	¥	19,846,988,577
17	¥	13,461,868,485
18	¥	16,957,629,684
19	¥	-2,119,100,689
20	¥	18,862,363,683

1		998,691	21	956,565
2		123,485	22	5,003,349
3		737,413,902,232	23	38,488
4		88,108,055,238	24	-260,451,162,462
5		643,762,260,583	25	608,056,463,030
6		-20,833,560,080	26	497,540,217,671
7		444,471,038	27	1,253,411
8		395,815,500,918	28	892,561,421,198
9		56,375,091,045	29	785,240,000,000
10		15,752	30	2,350,452
11		477,811,710,322	31	890,941,631,454
12		159,835	32	2,052,778
13		25,191,825	33	953,912,232,828
14		886,180,000,000	34	727,279
15		1,443,180	35	559,897,774,416
16		770,992,334,046	36	36,232
17		-695,341	37	659,390,693,493
18		579,866,254,494	38	-1,350,039
19		35,403,202	39	440,617,498,055
20		92,328	40	313,796,162