

Soroban Technology Lab

Mental Calculation Dan Mental Multiplication / Mental Division (6 min)

No.		Name	
Date		Score	

Mental Multiplication (3 min)

(Note) Round down to 3 decimal places

1	$22 \times 36 =$	21	$1,130 \times 67 =$
2	$36 \times 91 =$	22	$677 \times 723 =$
3	$62 \times 72 =$	23	$469 \times 2.76 =$
4	$48 \times 15 =$	24	$98 \times 1,951 =$
5	$97 \times 33 =$	25	$3.284 \times 9.5 =$
6	$59 \times 47 =$	26	$855 \times 438 =$
7	$14 \times 68 =$	27	$0.051 \times 16.4 =$
8	$85 \times 0.24 =$	28	$0.23 \times 0.0542 =$
9	$71 \times 86 =$	29	$742 \times 800 =$
10	$5.3 \times 5.9 =$	30	$906 \times 389 =$
11	$912 \times 27 =$	31	$252 \times 5,312 =$
12	$0.29 \times 38.6 =$	32	$3,923 \times 116 =$
13	$196 \times 53 =$	33	$1.39 \times 0.0259 =$
14	$0.45 \times 0.204 =$	34	$4,081 \times 770 =$
15	$38 \times 145 =$	35	$0.6395 \times 0.948 =$
16	$700 \times 82 =$	36	$4,478 \times 6,847 =$
17	$6.31 \times 49 =$	37	$78,167 \times 464 =$
18	$87 \times 600 =$	38	$5.264 \times 852.1 =$
19	$554 \times 91 =$	39	$950 \times 67,205 =$
20	$0.73 \times 76.8 =$	40	$0.0816 \times 3,933 =$

Mental Division (3 min)

(Note) Round down to 3 decimal places

1	$2,025 \div 45 =$	21	$675,250 \div 925 =$
2	$3,306 \div 38 =$	22	$3,148.19 \div 3,793 =$
3	$3,149 \div 67 =$	23	$156,408 \div 686 =$
4	$2,349 \div 81 =$	24	$0.017199 \div 0.049 =$
5	$2,628 \div 73 =$	25	$61,704 \div 12 =$
6	$784 \div 56 =$	26	$458.42 \div 648 =$
7	$2,156 \div 22 =$	27	$345,184 \div 7,504 =$
8	$47.94 \div 9.4 =$	28	$3.7241 \div 53.7 =$
9	$1,387 \div 19 =$	29	$149,850 \div 810 =$
10	$22.32 \div 0.36 =$	30	$209,244 \div 21 =$
11	$14,812 \div 92 =$	31	$2,971,691 \div 373 =$
12	$20.955 \div 63.5 =$	32	$8,455,698 \div 906 =$
13	$24,570 \div 910 =$	33	$3.6255 \div 168.7 =$
14	$0.21601 \div 0.43 =$	34	$61,192.5 \div 750 =$
15	$48,384 \div 504 =$	35	$1,153,152 \div 2,184 =$
16	$12,665 \div 17 =$	36	$39,153,205 \div 4,529 =$
17	$23.868 \div 35.1 =$	37	$27.07216 \div 0.068 =$
18	$22,400 \div 28 =$	38	$33,549,390 \div 8,235 =$
19	$18,624 \div 776 =$	39	$11,675,146 \div 1,741 =$
20	$43.55 \div 89 =$	40	$829.32 \div 5,904.2 =$

Soroban Technology Lab

Mental Calculation Dan Mental Sums (3 min)

No.		Name	
Date		Score	

1	2	3	4	5	6	7	8	9	10	11	12	13	14	15
310	982	934	270	382	725	391	416	271	940	512	619	357	6,204	608
125	-467	815	839	769	-407	675	273	548	-382	690	7,304	6,924	539	914
276	234	160	591	-574	-198	523	167	862	-405	2,745	-426	291	-5,428	1,876
409	-195	789	704	-298	346	419	538	6,903	2,639	9,386	138	7,846	-310	9,057
853	708	423	682	130	250	806	904	1,754	1,857	107	-5,970	503	796	423

16	17	18	19	20	21	22	23	24	25	26	27	28	29
8,456	489	1,806	472	894	378	4,208	5,967	6,123	285	342	7,418	4,591	4,195
102	5,763	479	-385	3,127	814	7,964	4,218	-910	3,067	6,217	506	-873	741
4,937	102	253	961	605	2,605	531	309	4,857	9,154	1,904	791	910	-563
890	-510	184	5,203	7,038	6,791	652	672	-204	-701	583	832	-2,645	-902
273	7,238	720	-714	912	520	410	543	3,561	5,648	138	1,284	709	1,028
615	-946	6,395	6,098	546	8,943	3,879	1,890	798	-329	475	5,079	-456	-3,859
										9,026	643	1,238	476

30	31	32	33	34	35	36	37	38	39	40
213	450	3,078	851	5,872	2,801	57,129	13,875	4,821	2,890	2,387
397	2,897	9,426	7,326	143	5,934	-2,631	642	56,307	672	76,905
980	683	512	1,543	-3,510	-183	-408	80,197	8,249	31,948	-31,240
4,126	701	680	902	984	-245	19,764	52,408	72,085	569	-798
7,458	3,524	7,934	478	-206	670	-28,593	761	13,964	8,105	5,624
562	5,079	6,309	634	729	9,058	910	936	672	46,237	-8,013
9,031	142	251	2,085	1,367	-312	43,052	41,280	158	5,021	9,471
	6,938	847	6,197	-4,058	4,769	876	7,359	9,430	79,483	3,562

Answers Mental Calculation Dan

Mental Multiplication

1	<i>792</i>	9	<i>6,106</i>	17	<i>309.19</i>	25	<i>31.198</i>	33	<i>0.036</i>
2	<i>3,276</i>	10	<i>31.27</i>	18	<i>52,200</i>	26	<i>374,490</i>	34	<i>3,142,370</i>
3	<i>4,464</i>	11	<i>24,624</i>	19	<i>50,414</i>	27	<i>0.836</i>	35	<i>0.606</i>
4	<i>720</i>	12	<i>11.194</i>	20	<i>56.064</i>	28	<i>0.012</i>	36	<i>30,660,866</i>
5	<i>3,201</i>	13	<i>10,388</i>	21	<i>75,710</i>	29	<i>593,600</i>	37	<i>36,269,488</i>
6	<i>2,773</i>	14	<i>0.091</i>	22	<i>489,471</i>	30	<i>352,434</i>	38	<i>4,485.454</i>
7	<i>952</i>	15	<i>5,510</i>	23	<i>1,294.44</i>	31	<i>1,338,624</i>	39	<i>63,844,750</i>
8	<i>20.4</i>	16	<i>57,400</i>	24	<i>191,198</i>	32	<i>455,068</i>	40	<i>320.932</i>

Mental Division

1	<i>45</i>	9	<i>73</i>	17	<i>0.68</i>	25	<i>5,142</i>	33	<i>0.021</i>
2	<i>87</i>	10	<i>62</i>	18	<i>800</i>	26	<i>0.707</i>	34	<i>81.59</i>
3	<i>47</i>	11	<i>161</i>	19	<i>24</i>	27	<i>46</i>	35	<i>528</i>
4	<i>29</i>	12	<i>0.33</i>	20	<i>0.489</i>	28	<i>0.069</i>	36	<i>8,645</i>
5	<i>36</i>	13	<i>27</i>	21	<i>730</i>	29	<i>185</i>	37	<i>398.12</i>
6	<i>14</i>	14	<i>0.502</i>	22	<i>0.83</i>	30	<i>9,964</i>	38	<i>4,074</i>
7	<i>98</i>	15	<i>96</i>	23	<i>228</i>	31	<i>7,967</i>	39	<i>6,706</i>
8	<i>5.1</i>	16	<i>745</i>	24	<i>0.351</i>	32	<i>9,333</i>	40	<i>0.140</i>

Mental Sums

1	<i>1,973</i>	9	<i>10,338</i>	17	<i>12,136</i>	25	<i>17,124</i>	33	<i>20,016</i>
2	<i>1,262</i>	10	<i>4,649</i>	18	<i>9,837</i>	26	<i>18,685</i>	34	<i>1,321</i>
3	<i>3,121</i>	11	<i>13,440</i>	19	<i>11,635</i>	27	<i>16,553</i>	35	<i>22,492</i>
4	<i>3,086</i>	12	<i>1,665</i>	20	<i>13,122</i>	28	<i>3,474</i>	36	<i>90,099</i>
5	<i>409</i>	13	<i>15,921</i>	21	<i>20,051</i>	29	<i>1,116</i>	37	<i>197,458</i>
6	<i>716</i>	14	<i>1,801</i>	22	<i>17,644</i>	30	<i>22,767</i>	38	<i>165,686</i>
7	<i>2,814</i>	15	<i>12,878</i>	23	<i>13,599</i>	31	<i>20,414</i>	39	<i>174,925</i>
8	<i>2,298</i>	16	<i>15,273</i>	24	<i>14,225</i>	32	<i>29,037</i>	40	<i>57,898</i>