

# Soroban Technology Lab

## School / Senior Finale Moltiplicazione (1 min)

|      |  |           |  |
|------|--|-----------|--|
| N.   |  | Nome      |  |
| Data |  | Punteggio |  |

(Nota) 1-5: Arrotondare a 3 decimali

6-10: Arrotondare allo yen più vicino

|    |                              | ○ × |
|----|------------------------------|-----|
| 1  | $935,647 \times 26,509 =$    |     |
| 2  | $5.98736 \times 7,546.3 =$   |     |
| 3  | $7,204,693 \times 0.4435 =$  |     |
| 4  | $216,341 \times 670.31 =$    |     |
| 5  | $0.078125 \times 14.592 =$   |     |
| 6  | $¥ 650,394 \times 97,810 =$  |     |
| 7  | $¥ 308,469 \times 31,806 =$  |     |
| 8  | $¥ 81,250 \times 5.27968 =$  |     |
| 9  | $¥ 120,798 \times 0.09284 =$ |     |
| 10 | $¥ 485,172 \times 831.27 =$  |     |

# Soroban Technology Lab

School / Senior Finale Divisione (1 min)

|      |  |           |  |
|------|--|-----------|--|
| N.   |  | Nome      |  |
| Data |  | Punteggio |  |

(Nota) 1-5: Arrotondare a 3 decimali

6-10: Arrotondare allo yen più vicino

○ ×

|    |                                    |  |
|----|------------------------------------|--|
| 1  | $1,470,202,353 \div 22,653 =$      |  |
| 2  | $4,420.854586 \div 53.904 =$       |  |
| 3  | $15,953,912 \div 1,371.2 =$        |  |
| 4  | $4,299,831.664 \div 44,061 =$      |  |
| 5  | $101.706993 \div 0.05469 =$        |  |
| 6  | $\yen 4,191,273,496 \div 70,988 =$ |  |
| 7  | $\yen 724,686 \div 0.9217 =$       |  |
| 8  | $\yen 4,023,839,320 \div 84,970 =$ |  |
| 9  | $\yen 213,840,839 \div 6,538.6 =$  |  |
| 10 | $\yen 738,385 \div 312.875 =$      |  |

# Soroban Technology Lab

School / Senior Finale Addizione e sottrazione (1 min)

|      |  |           |  |
|------|--|-----------|--|
| N.   |  | Nome      |  |
| Data |  | Punteggio |  |

| N.     | 1               | 2               | 3               | 4               | 5               |
|--------|-----------------|-----------------|-----------------|-----------------|-----------------|
| 1      | ¥ 9,370,582,614 | ¥ 7,860,541,296 | ¥ 2,596,167,304 | ¥ 2,406,387,591 | ¥ 7,652,730,814 |
| 2      | 1,789,644,302   | 8,928,735,460   | 7,100,958,643   | 8,215,439,870   | 2,910,678,945   |
| 3      | 7,435,089,661   | 9,759,206,143   | -3,568,132,470  | 3,692,150,784   | -3,658,749,108  |
| 4      | 4,371,670,859   | 5,410,327,681   | -1,482,589,037  | 9,104,739,265   | -8,047,325,961  |
| 5      | 8,593,312,746   | 6,104,159,327   | 9,667,403,582   | 4,028,693,147   | 6,792,083,413   |
| 6      | 5,482,736,190   | 1,436,672,509   | 2,941,015,768   | 6,234,576,901   | 3,526,495,071   |
| 7      | 9,245,160,583   | 2,692,450,738   | 5,870,431,219   | 9,872,063,158   | 5,891,264,737   |
| 8      | 2,657,201,498   | 7,083,814,952   | -6,759,384,121  | 1,587,604,623   | -8,204,931,650  |
| 9      | 3,106,425,927   | 8,341,968,075   | -4,023,796,895  | 7,350,845,219   | -9,175,246,382  |
| 10     | 6,012,893,075   | 3,275,093,814   | 8,234,270,956   | 5,749,518,032   | 1,083,502,496   |
| Totale |                 |                 |                 |                 |                 |

# Soroban Technology Lab

School / Senior Finale Calcolo mentale: moltiplicazione (18 s)

|      |  |           |  |
|------|--|-----------|--|
| N.   |  | Nome      |  |
| Data |  | Punteggio |  |

|    |                     |  |
|----|---------------------|--|
| 1  | $8,140 \times 45 =$ |  |
| 2  | $975 \times 922 =$  |  |
| 3  | $107 \times 740 =$  |  |
| 4  | $501 \times 809 =$  |  |
| 5  | $334 \times 558 =$  |  |
| 6  | $652 \times 336 =$  |  |
| 7  | $223 \times 607 =$  |  |
| 8  | $696 \times 811 =$  |  |
| 9  | $49 \times 1,764 =$ |  |
| 10 | $788 \times 293 =$  |  |

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# Soroban Technology Lab

School / Senior Finale Calcolo mentale: divisione (18 s)

|      |  |           |  |
|------|--|-----------|--|
| N.   |  | Nome      |  |
| Data |  | Punteggio |  |

|    |                        |  |
|----|------------------------|--|
| 1  | $530,573 \div 67 =$    |  |
| 2  | $417,648 \div 904 =$   |  |
| 3  | $75,154 \div 709 =$    |  |
| 4  | $169,750 \div 4,850 =$ |  |
| 5  | $417,024 \div 576 =$   |  |
| 6  | $142,800 \div 168 =$   |  |
| 7  | $189,696 \div 312 =$   |  |
| 8  | $161,365 \div 295 =$   |  |
| 9  | $766,213 \div 823 =$   |  |
| 10 | $96,503 \div 341 =$    |  |

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# Soroban Technology Lab

School / Senior Finale Calcolo mentale: addizione e sottrazione (24 s)

|      |  |           |  |
|------|--|-----------|--|
| N.   |  | Nome      |  |
| Data |  | Punteggio |  |

| N.     | 1       | 2        | 3       | 4        | 5       |
|--------|---------|----------|---------|----------|---------|
| 1      | 612,095 | 740,016  | 891,382 | 485,601  | 428,902 |
| 2      | 278,459 | 282,935  | 674,450 | 378,269  | 546,371 |
| 3      | 743,981 | 359,714  | 912,079 | 147,593  | 308,856 |
| 4      | 950,866 | -596,382 | 876,135 | 350,722  | 192,679 |
| 5      | 734,102 | -781,046 | 263,504 | -619,408 | 273,450 |
| 6      | 605,714 | 248,193  | 734,120 | -723,085 | 997,018 |
| 7      | 380,297 | 460,557  | 528,968 | 961,648  | 452,263 |
| 8      | 421,589 | 107,863  | 705,646 | 509,357  | 685,334 |
| 9      | 196,623 | -913,250 | 349,817 | -842,110 | 814,027 |
| 10     | 857,340 | -874,629 | 150,293 | -234,976 | 760,195 |
| Totale |         |          |         |          |         |

## Soluzioni School / Senior Finale

### Moltiplicazione

|   |                       |    |                        |
|---|-----------------------|----|------------------------|
| 1 | <i>24,803,066,323</i> | 6  | <i>¥63,615,037,140</i> |
| 2 | <i>45,182.415</i>     | 7  | <i>¥9,811,165,014</i>  |
| 3 | <i>3,195,281.346</i>  | 8  | <i>¥428,974</i>        |
| 4 | <i>145,015,535.71</i> | 9  | <i>¥11,215</i>         |
| 5 | <i>1.14</i>           | 10 | <i>¥403,308,928</i>    |

### Divisione

|   |                |    |                 |
|---|----------------|----|-----------------|
| 1 | <i>64,901</i>  | 6  | <i>¥59,042</i>  |
| 2 | <i>82.013</i>  | 7  | <i>¥786,249</i> |
| 3 | <i>11,635</i>  | 8  | <i>¥47,356</i>  |
| 4 | <i>97.588</i>  | 9  | <i>¥32,704</i>  |
| 5 | <i>1,859.7</i> | 10 | <i>¥2,360</i>   |

### Addizione e sottrazione

|   |                        |
|---|------------------------|
| 1 | <i>¥58,064,717,455</i> |
| 2 | <i>¥60,892,969,995</i> |
| 3 | <i>¥20,576,344,949</i> |
| 4 | <i>¥58,242,018,590</i> |
| 5 | <i>-¥1,229,497,625</i> |

### Calcolo mentale: moltiplicazione

|   |                |    |                |
|---|----------------|----|----------------|
| 1 | <i>366,300</i> | 6  | <i>219,072</i> |
| 2 | <i>898,950</i> | 7  | <i>135,361</i> |
| 3 | <i>79,180</i>  | 8  | <i>564,456</i> |
| 4 | <i>405,309</i> | 9  | <i>86,436</i>  |
| 5 | <i>186,372</i> | 10 | <i>230,884</i> |

### Calcolo mentale: divisione

|   |              |    |            |
|---|--------------|----|------------|
| 1 | <i>7,919</i> | 6  | <i>850</i> |
| 2 | <i>462</i>   | 7  | <i>608</i> |
| 3 | <i>106</i>   | 8  | <i>547</i> |
| 4 | <i>35</i>    | 9  | <i>931</i> |
| 5 | <i>724</i>   | 10 | <i>283</i> |

### Calcolo mentale: addizione e sottrazione

|   |                  |
|---|------------------|
| 1 | <i>5,781,066</i> |
| 2 | <i>-966,029</i>  |
| 3 | <i>6,086,394</i> |
| 4 | <i>413,611</i>   |
| 5 | <i>5,459,095</i> |