

# Soroban Technology Lab

## 7 Kyu Multiplication / Division (14 min)

|      |  |       |  |
|------|--|-------|--|
| No.  |  | Name  |  |
| Date |  | Score |  |

### Multiplication (7 min)

|   |                  |
|---|------------------|
| 1 | $19 \times 98 =$ |
| 2 | $64 \times 27 =$ |
| 3 | $75 \times 76 =$ |
| 4 | $63 \times 39 =$ |
| 5 | $37 \times 78 =$ |
| 6 | $20 \times 45 =$ |
| 7 | $94 \times 30 =$ |
| 8 | $47 \times 94 =$ |

### Division (7 min)

|   |                  |
|---|------------------|
| 1 | $6,328 \div 7 =$ |
| 2 | $446 \div 2 =$   |
| 3 | $930 \div 5 =$   |
| 4 | $4,026 \div 6 =$ |
| 5 | $1,730 \div 2 =$ |
| 6 | $6,312 \div 8 =$ |
| 7 | $1,750 \div 7 =$ |
| 8 | $4,434 \div 6 =$ |

|    |                  |
|----|------------------|
| 9  | $98 \times 51 =$ |
| 10 | $80 \times 83 =$ |
| 11 | $36 \times 60 =$ |
| 12 | $21 \times 51 =$ |
| 13 | $82 \times 20 =$ |
| 14 | $15 \times 16 =$ |
| 15 | $50 \times 42 =$ |

|    |                  |
|----|------------------|
| 9  | $7,587 \div 9 =$ |
| 10 | $1,680 \div 3 =$ |
| 11 | $1,672 \div 4 =$ |
| 12 | $378 \div 3 =$   |
| 13 | $1,588 \div 4 =$ |
| 14 | $7,784 \div 8 =$ |
| 15 | $4,626 \div 9 =$ |

# Soroban Technology Lab

7 Kyu Sums (7 min)

|      |  |       |  |
|------|--|-------|--|
| No.  |  | Name  |  |
| Date |  | Score |  |

| 1   | 2   | 3    | 4   | 5    |
|-----|-----|------|-----|------|
| 203 | 82  | 403  | 120 | 406  |
| 984 | 400 | -287 | 879 | -94  |
| 56  | 728 | 961  | 61  | 732  |
| 702 | 19  | -40  | 54  | -108 |
| 13  | 536 | 35   | 203 | 56   |
|     |     |      |     |      |

| 6   | 7    | 8   | 9    | 10  |
|-----|------|-----|------|-----|
| 70  | 980  | 70  | 68   | 507 |
| 558 | 98   | 766 | 407  | 820 |
| 91  | -36  | 413 | 820  | 65  |
| 207 | -451 | 28  | -61  | 13  |
| 463 | 702  | 905 | -395 | 479 |
|     |      |     |      |     |

| 11  | 12  | 13   | 14  | 15   |
|-----|-----|------|-----|------|
| 807 | 206 | 405  | 560 | 907  |
| 64  | 758 | -20  | 134 | -64  |
| 328 | 90  | 67   | 527 | 12   |
| 50  | 12  | -385 | 69  | -709 |
| 917 | 436 | 194  | 80  | 385  |
|     |     |      |     |      |

## Answers 7 Kyu

### Multiplication

|   |              |    |              |    |              |
|---|--------------|----|--------------|----|--------------|
| 1 | <u>1,862</u> | 6  | <u>900</u>   | 11 | <u>2,160</u> |
| 2 | <u>1,728</u> | 7  | <u>2,820</u> | 12 | <u>1,071</u> |
| 3 | <u>5,700</u> | 8  | <u>4,418</u> | 13 | <u>1,640</u> |
| 4 | <u>2,457</u> | 9  | <u>4,998</u> | 14 | <u>240</u>   |
| 5 | <u>2,886</u> | 10 | <u>6,640</u> | 15 | <u>2,100</u> |

### Division

|   |            |    |            |    |            |
|---|------------|----|------------|----|------------|
| 1 | <u>904</u> | 6  | <u>789</u> | 11 | <u>418</u> |
| 2 | <u>223</u> | 7  | <u>250</u> | 12 | <u>126</u> |
| 3 | <u>186</u> | 8  | <u>739</u> | 13 | <u>397</u> |
| 4 | <u>671</u> | 9  | <u>843</u> | 14 | <u>973</u> |
| 5 | <u>865</u> | 10 | <u>560</u> | 15 | <u>514</u> |

### Sums

|   |              |    |              |    |              |
|---|--------------|----|--------------|----|--------------|
| 1 | <u>1,958</u> | 6  | <u>1,389</u> | 11 | <u>2,166</u> |
| 2 | <u>1,765</u> | 7  | <u>1,293</u> | 12 | <u>1,502</u> |
| 3 | <u>1,072</u> | 8  | <u>2,182</u> | 13 | <u>261</u>   |
| 4 | <u>1,317</u> | 9  | <u>839</u>   | 14 | <u>1,370</u> |
| 5 | <u>992</u>   | 10 | <u>1,884</u> | 15 | <u>531</u>   |