

Name: \_\_\_\_\_

Date: \_\_\_\_\_

## Basic Subtraction

## Strawberry

|      |      |      |      |      |      |     |     |     |     |     |      |      |     |      |     |      |      |      |
|------|------|------|------|------|------|-----|-----|-----|-----|-----|------|------|-----|------|-----|------|------|------|
| 7-2  | 9-4  | 8-3  | 5-0  | 8-3  | 10-5 | 8-3 | 9-4 | 4-0 | 4-0 | 7-2 | 10-5 | 8-3  | 6-1 | 10-5 | 7-2 | 7-2  | 9-4  | 7-2  |
| 9-4  | 7-2  | 10-5 | 9-4  | 5-0  | 5-0  | 4-0 | 6-2 | 3-1 | 3-1 | 8-4 | 8-4  | 8-4  | 7-2 | 9-4  | 8-3 | 8-3  | 7-2  | 5-0  |
| 5-0  | 5-0  | 7-2  | 10-5 | 10-5 | 7-3  | 4-2 | 8-4 | 3-1 | 2-0 | 9-5 | 2-0  | 6-4  | 9-5 | 7-2  | 8-3 | 9-4  | 10-5 | 10-5 |
| 9-4  | 7-2  | 9-4  | 5-0  | 9-5  | 4-1  | 6-2 | 5-3 | 7-5 | 5-3 | 6-4 | 4-2  | 8-4  | 4-1 | 6-2  | 6-1 | 7-2  | 8-3  | 6-1  |
| 6-1  | 5-0  | 6-1  | 8-4  | 5-2  | 4-1  | 3-0 | 4-0 | 4-0 | 5-1 | 5-1 | 7-3  | 3-0  | 8-5 | 8-5  | 6-2 | 9-4  | 5-0  | 7-2  |
| 10-5 | 6-1  | 4-0  | 5-2  | 6-3  | 8-4  | 8-5 | 7-4 | 7-4 | 6-3 | 6-3 | 6-3  | 8-5  | 8-5 | 5-2  | 5-2 | 6-2  | 7-2  | 5-0  |
| 7-2  | 8-4  | 8-5  | 8-5  | 4-1  | 4-1  | 8-5 | 6-3 | 5-2 | 4-0 | 7-4 | 6-3  | 7-3  | 3-0 | 6-3  | 6-2 | 6-3  | 9-5  | 9-4  |
| 10-5 | 7-3  | 7-4  | 9-5  | 6-3  | 7-4  | 7-4 | 9-5 | 6-3 | 4-1 | 8-5 | 5-2  | 6-3  | 8-5 | 8-5  | 5-2 | 4-1  | 6-2  | 5-0  |
| 9-4  | 8-4  | 7-4  | 7-4  | 7-4  | 8-4  | 6-3 | 8-5 | 5-2 | 7-4 | 4-1 | 8-4  | 5-2  | 4-1 | 8-4  | 4-1 | 5-2  | 5-1  | 7-2  |
| 9-4  | 5-1  | 8-5  | 5-2  | 4-1  | 6-3  | 5-2 | 7-4 | 7-4 | 5-1 | 4-1 | 7-4  | 8-5  | 7-4 | 4-1  | 4-1 | 8-5  | 9-5  | 8-3  |
| 7-2  | 9-5  | 6-3  | 8-5  | 8-5  | 7-4  | 7-3 | 4-1 | 7-4 | 4-1 | 5-2 | 5-2  | 6-2  | 7-4 | 8-4  | 5-2 | 8-5  | 4-0  | 9-4  |
| 5-0  | 6-1  | 6-2  | 4-1  | 8-5  | 5-2  | 5-2 | 6-3 | 6-3 | 8-5 | 9-5 | 5-2  | 8-5  | 3-0 | 4-1  | 3-0 | 4-0  | 10-5 | 5-0  |
| 9-4  | 6-1  | 9-5  | 5-2  | 4-0  | 7-4  | 3-0 | 6-3 | 3-0 | 5-2 | 8-5 | 5-2  | 5-2  | 5-2 | 8-5  | 5-2 | 8-4  | 6-1  | 8-3  |
| 10-5 | 7-2  | 7-2  | 6-2  | 6-3  | 5-2  | 4-1 | 5-1 | 6-3 | 6-3 | 6-3 | 8-4  | 8-5  | 5-1 | 4-1  | 7-3 | 8-3  | 7-2  | 8-3  |
| 10-5 | 9-4  | 6-1  | 5-1  | 6-3  | 6-3  | 4-1 | 4-1 | 6-3 | 6-3 | 5-2 | 7-4  | 7-4  | 6-3 | 3-0  | 9-5 | 9-4  | 9-4  | 10-5 |
| 6-1  | 6-1  | 6-1  | 8-3  | 7-3  | 7-4  | 4-1 | 5-2 | 6-3 | 6-3 | 8-4 | 8-5  | 7-4  | 3-0 | 7-3  | 8-3 | 8-3  | 7-2  | 7-2  |
| 5-0  | 8-3  | 5-0  | 8-3  | 5-0  | 7-3  | 8-5 | 4-1 | 8-4 | 3-0 | 5-2 | 6-3  | 7-4  | 6-2 | 5-0  | 5-0 | 10-5 | 7-2  | 7-2  |
| 7-2  | 8-3  | 6-1  | 7-2  | 7-2  | 7-2  | 4-0 | 6-3 | 5-2 | 8-5 | 5-2 | 9-5  | 6-2  | 7-2 | 10-5 | 6-1 | 10-5 | 8-3  | 7-2  |
| 5-0  | 10-5 | 9-4  | 6-1  | 10-5 | 9-4  | 5-0 | 5-1 | 6-3 | 5-2 | 6-2 | 7-2  | 5-0  | 9-4 | 5-0  | 8-3 | 9-4  | 5-0  | 10-5 |
| 6-1  | 7-2  | 10-5 | 10-5 | 6-1  | 8-3  | 7-2 | 7-2 | 8-4 | 5-1 | 8-3 | 5-0  | 10-5 | 5-0 | 8-3  | 9-4 | 8-3  | 6-1  | 9-4  |

Key:

|   |       |
|---|-------|
| 2 | Green |
| 3 | Red   |
| 4 | Black |
| 5 | Blue  |

Name: \_\_\_\_\_

Date: \_\_\_\_\_

## Basic Subtraction

## Walrus

|      |       |      |       |       |       |      |      |       |       |       |       |       |       |       |       |       |       |       |
|------|-------|------|-------|-------|-------|------|------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|
| 5-2  | 8-5   | 6-3  | 9-5   | 14-10 | 11-8  | 10-7 | 12-8 | 4-0   | 10-7  | 13-9  | 5-1   | 8-5   | 9-6   | 6-2   | 14-10 | 10-7  | 8-5   | 5-2   |
| 3-0  | 12-8  | 7-4  | 6-3   | 5-1   | 4-1   | 8-1  | 8-0  | 15-7  | 12-4  | 17-10 | 12-4  | 11-7  | 5-1   | 11-7  | 4-0   | 13-10 | 10-7  | 4-0   |
| 9-6  | 13-9  | 8-4  | 12-9  | 5-1   | 13-6  | 17-9 |      |       | 9-2   |       | 15-7  | 12-5  | 14-10 | 14-10 | 5-2   | 11-7  | 13-9  | 9-6   |
| 11-8 | 7-3   | 12-8 | 11-7  | 11-4  | 17-10 |      | 1-0  | 8-7   | 17-9  | 11-9  |       | 8-1   | 13-9  | 9-6   | 9-6   | 11-8  | 13-10 | 9-5   |
| 5-2  | 12-4  | 12-4 | 13-5  | 8-1   | 11-3  |      | 10-8 | 9-7   | 15-8  | 8-7   |       | 9-2   | 12-9  | 13-9  | 11-8  | 6-2   | 13-9  | 6-3   |
| 12-4 | 14-6  | 9-1  | 17-10 | 17-10 | 12-5  | 13-5 |      |       | 9-1   |       | 15-8  | 12-5  | 12-9  | 6-3   | 10-7  | 4-1   | 13-10 | 4-0   |
| 9-1  | 17-10 | 16-9 | 9-2   | 17-10 | 12-5  | 17-9 | 13-3 | 9-1   | 19-10 | 12-4  | 19-10 | 7-3   | 13-9  | 5-2   | 4-1   | 13-9  | 8-5   | 10-6  |
| 15-7 | 10-3  | 16-8 | 13-5  | 15-7  | 10-2  | 16-9 |      | 17-8  | 10-3  | 11-2  |       | 12-9  | 8-4   | 11-8  | 6-2   | 4-1   | 13-9  | 12-9  |
| 16-9 | 18-10 | 11-3 | 17-9  | 13-5  | 16-8  | 11-4 |      | 8-0   | 15-7  | 16-8  |       | 8-4   | 3-0   | 13-10 | 8-5   | 9-5   | 9-6   | 13-9  |
| 15-8 | 12-5  | 17-9 | 13-6  | 18-10 | 9-2   | 16-8 |      | 14-7  | 15-8  | 9-5   |       | 11-7  | 10-6  | 6-3   |       |       | 10-7  | 8-5   |
| 13-5 | 9-2   | 7-0  | 9-1   | 15-7  | 18-10 | 12-5 |      | 17-10 | 8-0   | 12-9  |       | 13-10 | 5-1   |       |       |       | 8-5   | 7-4   |
| 13-6 | 10-3  | 8-0  | 12-4  | 8-1   | 14-6  | 14-6 | 14-6 | 10-2  | 16-8  | 11-8  | 8-5   | 5-1   |       |       |       |       |       | 14-10 |
| 12-4 | 7-0   | 12-5 | 15-7  | 17-10 | 13-5  | 13-5 | 10-2 | 17-9  | 14-7  | 10-5  | 13-8  | 6-1   | 5-0   | 14-8  | 13-7  | 9-4   | 15-10 | 13-8  |
| 10-3 | 16-9  | 11-4 | 12-5  | 17-10 | 7-1   | 9-4  | 14-7 | 15-8  | 15-8  | 10-3  | 11-6  | 8-3   | 7-2   | 16-10 | 11-6  | 8-2   | 12-6  | 8-3   |
|      |       | 13-5 | 10-2  | 11-3  | 11-4  |      |      | 12-5  | 16-9  | 14-7  | 13-5  |       |       |       |       | 6-0   | 15-10 | 15-9  |
|      |       |      | 8-1   | 16-8  | 17-10 | 7-0  |      |       | 12-5  | 7-0   | 17-10 |       |       |       |       |       |       |       |
|      |       |      |       | 17-10 | 11-4  | 12-5 |      |       |       |       |       |       |       |       |       |       |       |       |
|      |       |      |       |       |       |      |      |       |       | 14-9  | 12-7  | 9-4   | 12-7  | 15-9  | 11-6  | 7-2   | 8-2   |       |
|      |       |      |       |       |       |      |      | 11-6  | 16-10 | 15-9  | 7-1   | 8-2   | 6-1   | 9-4   | 15-10 | 11-5  | 9-4   | 9-4   |
|      |       |      |       |       |       |      | 14-9 | 15-10 | 7-2   | 10-5  | 15-9  | 9-3   | 13-8  | 12-7  | 8-2   | 5-0   | 13-8  | 6-1   |

Key:

|      |            |
|------|------------|
| 1,2  | Black      |
| 3,4  | Light Blue |
| 5,6  | Dark Blue  |
| 7,8  | Light Gray |
| 9,10 | Dark Gray  |

\*Blank squares are white

Name:

Date:

# Super K

|     |     |      |      |     |      |      |      |      |      |     |     |      |     |      |      |     |     |     |
|-----|-----|------|------|-----|------|------|------|------|------|-----|-----|------|-----|------|------|-----|-----|-----|
| 5-2 | 6-3 | 6-3  | 4-1  | 8-5 | 5-2  | 6-3  | 4-1  | 8-5  | 3-0  | 4-1 | 6-3 | 7-4  | 6-3 | 6-3  | 6-3  | 4-1 | 8-5 | 6-3 |
| 8-5 | 3-0 | 6-3  | 8-5  | 6-3 | 3-0  | 8-5  | 3-1  | 6-4  | 4-2  | 4-2 | 2-0 | 6-4  | 6-3 | 5-2  | 5-2  | 4-1 | 7-4 | 7-4 |
| 7-4 | 8-5 | 7-4  | 8-5  | 4-1 | 4-1  | 5-3  | 3-1  | 3-1  | 4-2  | 2-0 | 5-3 | 5-3  | 4-1 | 4-1  | 3-0  | 4-1 | 4-1 | 6-3 |
| 8-5 | 7-4 | 4-1  | 8-5  | 7-4 | 7-4  | 6-2  | 7-3  | 7-3  | 5-1  | 4-0 | 4-0 | 7-3  | 7-4 | 7-4  | 4-1  | 5-2 | 8-5 | 5-2 |
| 7-4 | 8-5 | 7-4  | 8-5  | 6-3 | 3-0  | 8-4  | 9-5  | 5-1  | 5-1  | 7-3 | 5-1 | 4-0  | 8-5 | 4-0  | 7-3  | 7-4 | 8-5 | 4-1 |
| 6-3 | 8-5 | 8-5  | 5-2  | 6-3 | 4-1  | 8-4  |      | 2-0  | 5-1  |     | 4-2 | 5-1  | 6-3 | 4-0  | 5-1  | 5-2 | 3-0 | 8-5 |
| 6-4 | 7-5 | 4-2  | 6-4  | 4-2 | 4-2  | 9-5  |      |      | 9-5  |     |     | 9-5  | 3-1 | 6-1  | 10-5 | 6-4 | 2-0 | 5-3 |
| 3-1 | 7-5 | 4-2  | 3-1  | 3-1 | 6-4  | 9-5  | 4-0  | 6-2  | 6-2  | 8-4 | 7-3 | 8-4  | 3-1 | 6-1  | 8-3  | 3-1 | 4-2 | 3-1 |
| 4-2 | 6-4 | 5-3  | 4-2  | 7-5 | 5-3  | 2-0  | 8-4  | 5-1  | 9-5  | 4-0 | 5-1 | 7-5  | 5-3 | 7-2  | 7-2  | 4-2 | 4-2 | 7-5 |
| 5-3 | 4-2 | 7-5  | 3-1  | 4-2 | 7-4  | 6-3  | 8-5  | 5-1  | 6-2  | 7-3 | 8-5 | 6-3  | 6-4 | 6-1  | 8-3  | 7-5 | 7-5 | 6-4 |
| 6-4 | 6-4 | 6-1  | 10-5 | 8-3 | 8-3  | 10-5 | 8-3  | 10-5 | 8-3  | 7-2 | 6-1 | 7-2  | 5-0 | 6-1  | 6-1  | 3-1 | 5-3 | 7-5 |
| 7-5 | 3-1 | 6-1  | 5-0  | 5-0 | 7-2  | 4-2  | 8-5  | 6-4  | 7-5  | 4-1 | 5-3 | 8-3  | 7-2 | 10-5 | 10-5 | 4-2 | 5-3 | 2-0 |
| 3-1 | 6-4 | 7-2  | 9-4  | 8-5 | 8-3  | 4-2  | 7-4  | 7-5  | 7-4  | 7-5 | 7-5 | 5-0  | 6-3 | 6-4  | 7-5  | 4-2 | 4-2 | 4-2 |
| 6-4 | 3-1 | 10-5 | 8-3  | 3-0 | 10-5 | 6-4  | 6-3  | 3-0  | 6-4  | 7-5 | 5-3 | 8-3  | 5-2 | 8-5  | 7-5  | 7-5 | 3-1 | 3-1 |
| 5-3 | 3-1 | 8-3  | 8-3  | 6-3 | 10-5 | 4-2  | 3-0  | 6-4  | 3-0  | 4-2 | 4-2 | 5-0  | 5-2 | 5-2  | 6-3  | 5-3 | 4-2 | 3-1 |
| 7-5 | 2-0 | 9-4  | 8-3  | 4-1 | 8-3  | 3-1  | 4-1  | 3-1  | 6-4  | 4-1 | 6-4 | 10-5 | 6-3 | 3-0  | 4-1  | 5-2 | 7-5 | 7-5 |
| 3-1 | 5-3 | 8-4  | 5-1  | 7-4 | 7-2  | 6-1  | 6-1  | 7-2  | 10-5 | 7-2 | 7-2 | 10-5 | 5-2 | 7-4  | 6-3  | 5-2 | 3-0 | 3-1 |
| 5-3 | 4-2 | 8-4  | 8-4  | 7-4 | 5-0  | 7-2  | 10-5 | 10-5 | 6-1  | 9-4 | 5-0 | 8-3  | 3-0 | 5-2  | 3-0  | 8-5 | 7-4 | 6-3 |
| 7-5 | 7-5 | 7-5  | 3-1  | 7-4 | 7-5  | 5-3  | 3-1  | 5-3  | 4-2  | 3-1 | 6-4 | 3-1  | 4-1 | 7-4  | 5-2  | 3-0 | 8-5 | 6-3 |
| 4-2 | 7-5 | 5-3  | 7-5  | 5-2 | 6-4  | 6-4  | 7-5  | 4-2  | 3-1  | 7-5 | 2-0 | 3-1  | 8-5 | 6-3  | 8-5  | 4-1 | 8-5 | 3-0 |

Key:

|   |      |
|---|------|
| 2 | Gray |
| 3 | Blue |
| 4 | Tan  |
| 5 | Red  |

\*Blank squares are white

Name: \_\_\_\_\_

Date: \_\_\_\_\_

# Spaceship

|       |       |       |       |      |       |       |       |       |      |       |      |      |       |       |       |      |       |       |
|-------|-------|-------|-------|------|-------|-------|-------|-------|------|-------|------|------|-------|-------|-------|------|-------|-------|
| 12-9  | 8-5   | 10-7  | 10-6  | 9-6  | 9-6   | 7-3   | 13-10 | 4-1   | 11-7 | 4-1   | 6-2  | 13-9 | 9-5   | 8-4   | 4-1   | 9-6  | 12-9  | 12-8  |
| 10-7  | 4-0   | 5-1   | 8-4   | 9-5  | 4-0   | 8-4   | 6-2   | 5-2   | 10-7 | 3-0   | 11-7 | 6-3  | 10-6  | 13-10 | 10-7  | 13-9 | 9-5   | 8-5   |
| 13-10 | 8-5   | 6-3   | 4-1   | 12-9 | 6-0   | 4-0   | 13-9  | 9-6   | 12-7 | 9-6   | 7-4  | 12-8 | 13-7  | 8-4   | 13-9  | 11-7 | 7-4   | 13-9  |
| 6-3   | 14-10 | 5-1   | 10-7  | 9-5  | 6-2   | 7-2   | 11-7  | 6-2   | 10-3 | 9-5   | 8-5  | 6-0  | 9-6   | 9-5   | 4-1   | 4-1  | 14-10 | 12-8  |
| 12-8  | 10-7  | 7-2   | 4-1   | 11-8 | 12-8  | 10-5  | 13-7  | 9-2   | 8-1  | 7-0   | 14-9 | 14-9 | 14-10 | 5-2   | 7-4   | 12-7 | 10-6  | 3-0   |
| 3-0   | 13-9  | 9-3   | 5-0   | 6-2  | 7-3   | 14-10 | 14-7  | 9-5   | 8-4  | 12-8  | 14-7 | 7-3  | 13-10 | 6-3   | 15-10 | 9-3  | 9-5   | 11-8  |
| 12-9  | 11-6  | 15-9  | 8-2   | 13-8 | 6-1   | 13-6  | 8-1   | 9-2   | 10-3 | 12-5  | 14-7 | 12-5 | 7-1   | 15-9  | 8-2   | 15-9 | 12-6  | 13-9  |
| 10-7  | 11-5  | 6-0   | 15-10 | 6-2  | 15-9  | 7-1   | 9-2   | 14-7  | 7-0  | 13-6  | 11-4 | 9-4  | 12-7  | 11-7  | 14-9  | 14-9 | 12-6  | 12-8  |
| 7-3   | 12-2  | 13-4  | 17-8  | 10-7 | 5-1   | 11-8  | 14-10 | 12-6  | 14-9 | 6-1   | 13-9 | 6-3  | 9-6   | 7-4   | 14-5  | 14-4 | 12-2  | 9-6   |
| 13-10 | 2-1   | 12-10 | 7-6   | 7-4  | 7-4   | 7-4   | 7-4   | 7-3   | 10-6 | 8-4   | 9-6  | 7-4  | 13-10 | 13-10 | 6-4   | 3-1  | 5-3   | 11-8  |
| 7-4   | 10-9  | 7-6   | 12-8  | 7-4  | 4-0   | 5-1   | 14-10 | 3-0   | 9-5  | 13-10 | 4-1  | 5-2  | 4-1   | 7-4   | 4-0   | 10-8 | 4-0   | 6-3   |
| 5-2   | 11-7  | 11-8  | 7-4   | 8-4  | 4-1   | 10-7  | 9-5   | 7-3   | 6-3  | 8-4   | 4-0  | 9-5  | 12-9  | 10-6  | 4-1   | 8-4  | 11-8  | 5-1   |
| 4-0   | 8-4   | 8-4   | 10-7  | 10-7 | 10-6  | 3-0   | 12-9  | 14-10 | 8-4  | 11-7  | 10-7 | 7-4  | 4-1   | 5-1   | 4-1   | 10-6 | 10-7  | 6-2   |
| 5-2   | 10-6  | 6-2   | 12-8  | 10-7 | 10-6  | 8-5   | 10-6  | 5-1   | 12-8 | 11-8  | 10-7 | 8-4  | 12-9  | 10-6  | 11-8  | 9-5  | 9-5   | 11-8  |
| 10-6  | 9-6   | 12-9  | 7-4   | 9-6  | 4-0   | 3-0   | 10-5  | 15-9  | 7-2  | 16-10 | 10-5 | 8-2  | 11-5  | 10-7  | 6-2   | 5-1  | 9-5   | 9-5   |
| 14-10 | 13-10 | 7-4   | 5-1   | 11-8 | 8-5   | 4-0   | 9-3   | 4-3   | 10-9 | 11-5  | 3-1  | 6-5  | 9-4   | 9-5   | 4-0   | 10-7 | 11-8  | 14-10 |
| 8-4   | 6-3   | 8-4   | 14-10 | 11-7 | 4-0   | 9-5   | 12-7  | 11-10 | 6-4  | 10-5  | 7-5  | 10-8 | 11-6  | 10-6  | 5-1   | 6-3  | 8-4   | 12-9  |
| 13-8  | 7-2   | 14-9  | 14-8  | 8-2  | 11-5  | 5-2   | 5-0   | 8-2   | 6-0  | 6-1   | 13-7 | 5-0  | 14-8  | 9-6   | 15-9  | 7-2  | 11-6  | 8-3   |
| 1-0   | 6-4   | 10-4  | 6-5   | 4-3  | 12-7  | 13-10 | 9-3   | 9-8   | 10-9 | 9-4   | 8-7  | 4-2  | 6-0   | 12-9  | 12-6  | 2-1  | 2-1   | 10-5  |
| 1-0   | 9-7   | 14-9  | 12-10 | 6-4  | 16-10 | 5-1   | 8-2   | 9-7   | 5-4  | 13-7  | 2-1  | 8-7  | 12-7  | 12-8  | 9-4   | 5-3  | 3-2   | 12-7  |

Key:

|      |        |
|------|--------|
| 1,2  | Yellow |
| 3,4  | Blue   |
| 5,6  | Black  |
| 7,8  | Gray   |
| 9,10 | Red    |

Name: \_\_\_\_\_

Date: \_\_\_\_\_

# Jet

|      |       |       |       |       |       |       |      |       |       |       |       |      |       |       |       |       |       |       |
|------|-------|-------|-------|-------|-------|-------|------|-------|-------|-------|-------|------|-------|-------|-------|-------|-------|-------|
| 5-2  | 5-2   | 6-2   | 4-1   | 4-0   | 14-10 | 4-1   | 8-4  | 12-8  | 5-2   | 11-8  | 7-4   | 10-7 | 3-0   | 4-1   | 4-0   | 10-7  | 10-6  | 13-10 |
| 8-5  | 9-6   | 11-7  | 12-9  | 5-2   | 7-4   | 10-7  | 6-2  | 12-8  | 4-1   | 10-7  | 12-8  | 3-0  | 13-9  | 3-0   | 12-9  | 13-10 | 6-3   | 7-3   |
| 12-9 | 5-2   | 13-10 | 6-2   | 12-8  | 4-0   | 6-2   | 6-3  | 10-6  | 8-1   | 3-0   | 4-0   | 11-8 | 13-10 | 5-1   | 9-6   | 4-0   | 6-2   | 9-5   |
| 11-7 | 4-1   | 5-2   | 12-9  | 4-1   | 9-5   | 14-10 | 5-2  | 17-10 | 9-4   | 14-7  | 6-2   | 4-0  | 14-10 | 10-6  | 8-4   | 14-10 | 6-3   | 12-8  |
| 13-9 | 5-1   | 6-3   | 11-7  | 5-2   | 6-3   | 4-0   | 11-7 | 12-5  | 13-7  | 12-5  | 6-3   | 12-9 | 13-9  | 10-7  | 10-7  | 6-3   | 13-9  | 7-4   |
| 5-2  | 5-2   | 14-10 | 13-10 | 5-0   | 5-1   | 10-6  | 9-6  | 10-3  | 12-7  | 12-5  | 10-6  | 13-9 | 10-7  | 15-9  | 9-5   | 12-8  | 13-9  | 10-6  |
| 10-6 | 14-10 | 4-0   | 9-6   | 8-2   | 9-5   | 9-6   | 13-6 | 12-5  | 16-9  | 7-0   | 16-9  | 9-6  | 10-7  | 11-5  | 7-3   | 6-3   | 6-3   | 4-1   |
| 6-2  | 11-8  | 12-8  | 8-5   | 7-2   | 14-7  | 16-9  | 15-8 | 11-4  | 10-3  | 16-9  | 9-2   | 12-5 | 14-7  | 11-6  | 9-6   | 4-0   | 3-0   | 4-1   |
| 9-5  | 5-1   | 4-0   | 10-3  | 16-9  | 17-10 | 8-1   | 9-2  | 9-2   | 15-8  | 15-8  | 8-1   | 15-8 | 8-1   | 12-5  | 16-9  | 13-10 | 6-3   | 7-3   |
| 9-5  | 12-9  | 12-5  | 15-8  | 12-5  | 14-7  | 10-3  | 12-5 | 16-9  | 8-1   | 10-3  | 15-8  | 11-4 | 11-4  | 17-10 | 11-4  | 10-3  | 3-0   | 11-7  |
| 9-6  | 3-0   | 10-7  | 14-5  | 9-4   | 17-8  | 7-4   | 12-9 | 14-7  | 11-4  | 12-5  | 6-3   | 6-3  | 10-0  | 11-5  | 16-7  | 14-10 | 4-1   | 14-10 |
| 9-6  | 5-2   | 4-1   | 9-6   | 14-10 | 6-3   | 14-10 | 10-6 | 14-7  | 15-8  | 10-3  | 4-0   | 5-2  | 7-3   | 4-0   | 10-7  | 9-5   | 13-10 | 3-0   |
| 13-9 | 4-0   | 6-2   | 9-5   | 7-4   | 13-10 | 8-4   | 15-8 | 7-0   | 11-5  | 9-2   | 14-7  | 12-9 | 6-3   | 5-1   | 6-3   | 11-7  | 11-7  | 8-5   |
| 12-9 | 6-2   | 13-10 | 13-9  | 13-10 | 13-10 | 9-2   | 7-0  | 16-10 | 8-2   | 12-7  | 7-0   | 7-0  | 11-8  | 13-9  | 12-9  | 4-1   | 13-10 | 7-4   |
| 9-5  | 11-8  | 10-6  | 6-2   | 5-1   | 7-4   | 9-6   | 12-9 | 8-4   | 6-3   | 7-3   | 6-3   | 8-4  | 5-1   | 14-10 | 10-7  | 8-4   | 3-0   | 4-1   |
| 7-4  | 3-0   | 12-8  | 10-6  | 11-8  | 11-8  | 8-4   | 10-6 | 3-0   | 9-6   | 14-10 | 13-9  | 6-3  | 13-9  | 6-2   | 3-0   | 5-2   | 12-8  | 5-2   |
| 4-1  | 3-0   | 5-2   | 4-1   | 9-2   | 12-5  | 10-3  | 10-3 | 11-4  | 14-7  | 7-0   | 16-9  | 12-5 | 10-3  | 9-2   | 10-3  | 8-1   | 13-6  | 12-5  |
| 11-7 | 17-10 | 8-1   | 11-4  | 8-1   | 12-5  | 12-5  | 7-0  | 10-3  | 17-10 | 9-2   | 7-0   | 15-8 | 8-1   | 15-8  | 15-8  | 14-7  | 9-2   | 11-4  |
| 12-5 | 11-4  | 7-0   | 10-3  | 14-7  | 14-7  | 14-7  | 8-1  | 10-3  | 14-7  | 7-0   | 17-10 | 10-3 | 13-6  | 13-6  | 17-10 | 16-9  | 11-4  | 9-2   |
| 12-5 | 11-4  | 10-3  | 8-1   | 13-6  | 14-7  | 7-0   | 10-3 | 15-8  | 17-10 | 15-8  | 7-0   | 7-0  | 9-2   | 7-0   | 15-8  | 17-10 | 13-6  | 7-0   |

Key:

|      |       |
|------|-------|
| 3,4  | Blue  |
| 5,6  | Black |
| 7,8  | Gray  |
| 9,10 | Red   |



Name:

Date:

# Wizard

|       |       |       |       |       |       |       |       |       |       |       |       |       |       |       |       |       |       |       |
|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|
| 12-8  | 10-6  | 6-2   | 8-4   | 10-7  | 7-4   | 5-1   | 12-8  | 4-1   | 14-10 | 9-6   | 12-8  | 6-2   | 13-10 | 10-6  | 11-7  | 7-3   | 7-4   | 12-8  |
| 7-3   | 10-7  | 7-1   | 11-5  | 8-3   | 15-9  | 4-1   | 8-4   | 8-5   | 5-1   | 10-7  | 5-1   | 10-6  | 7-3   | 6-3   | 6-3   | 13-10 | 9-6   | 4-1   |
| 13-10 | 13-10 | 11-5  | 8-1   | 17-10 | 9-3   | 10-7  | 4-0   | 5-1   | 7-4   | 8-4   | 9-5   | 9-5   | 7-4   | 5-2   | 11-7  | 6-3   | 4-1   | 14-10 |
| 5-1   | 13-9  | 13-10 | 6-0   | 16-9  | 7-2   | 9-3   | 5-0   | 7-3   | 7-3   | 4-1   | 10-7  | 5-2   | 14-10 | 13-10 | 3-0   | 3-0   | 5-2   | 11-8  |
| 7-3   | 8-4   | 8-5   | 8-2   | 16-9  | 14-7  | 13-6  | 12-5  | 7-2   | 12-6  | 13-8  | 7-3   | 10-7  | 11-7  | 4-0   | 13-10 | 11-7  | 12-9  | 11-7  |
| 12-8  | 4-0   | 8-4   | 3-0   | 6-0   | 13-6  | 7-0   | 12-5  | 14-7  | 11-4  | 13-6  | 9-3   | 14-8  | 7-1   | 10-4  | 13-8  | 10-4  | 11-8  | 9-6   |
| 11-7  | 12-9  | 7-3   | 13-10 | 15-9  | 14-7  | 17-10 | 17-10 | 10-3  | 8-1   | 9-2   | 16-9  | 17-10 | 9-2   | 10-3  | 8-3   | 5-1   | 3-0   | 9-6   |
| 5-2   | 6-3   | 6-2   | 10-4  | 8-3   | 16-9  | 8-1   | 16-9  | 16-9  | 17-10 | 7-0   | 9-4   | 14-9  | 11-6  | 6-0   | 4-0   | 14-10 | 6-3   | 4-0   |
| 12-8  | 5-1   | 14-9  | 11-4  | 12-5  | 10-3  | 15-8  | 12-5  | 11-4  | 5-0   | 8-3   | 5-0   | 10-6  | 8-5   | 9-6   | 3-0   | 13-10 | 4-1   | 7-3   |
| 6-2   | 13-7  | 14-7  | 15-8  | 9-2   | 8-1   | 12-5  | 16-9  | 5-0   | 11-5  | 9-7   | 6-2   | 13-10 | 5-1   | 11-8  | 9-7   | 4-2   | 6-3   | 3-0   |
| 13-8  | 17-10 | 15-8  | 14-7  | 9-2   | 17-10 | 10-5  | 16-10 | 11-10 | 3-1   | 13-7  | 7-3   | 3-0   | 9-5   | 9-8   | 8-6   | 6-4   | 2-0   | 3-0   |
| 8-5   | 10-4  | 5-0   | 13-8  | 13-8  | 9-4   | 19-9  | 8-6   | 2-0   | 1-0   | 6-5   | 5-3   | 8-5   | 11-8  | 7-3   | 7-5   | 9-7   | 5-2   | 14-10 |
| 4-0   | 8-4   | 8-5   | 9-4   | 11-4  | 10-3  | 18-9  | 7-6   | 11-9  | 4-3   | 12-10 | 10-9  | 4-1   | 8-5   | 9-5   | 20-10 | 11-1  | 7-3   | 13-10 |
| 11-8  | 4-0   | 9-4   | 15-8  | 14-7  | 7-0   | 15-5  | 14-4  | 19-10 | 15-5  | 11-2  | 13-10 | 10-7  | 13-10 | 12-8  | 12-2  | 17-7  | 4-1   | 6-2   |
| 12-8  | 8-4   | 10-5  | 17-10 | 10-3  | 16-9  | 11-4  | 14-4  | 20-10 | 17-8  | 19-10 | 8-5   | 14-10 | 9-5   | 6-3   | 18-9  | 14-5  | 13-10 | 7-4   |
| 3-0   | 13-9  | 14-9  | 16-9  | 8-1   | 17-10 | 9-2   | 10-3  | 15-6  | 9-0   | 12-3  | 15-10 | 9-3   | 11-6  | 8-4   | 10-4  | 8-3   | 8-4   | 4-0   |
| 8-4   | 12-9  | 12-6  | 11-4  | 11-4  | 14-7  | 16-9  | 14-7  | 13-6  | 13-4  | 12-5  | 16-9  | 9-2   | 7-0   | 11-6  | 6-4   | 7-5   | 11-5  | 7-3   |
| 4-1   | 5-1   | 7-1   | 10-3  | 8-3   | 6-0   | 9-4   | 12-5  | 5-0   | 15-9  | 10-3  | 15-8  | 12-5  | 17-10 | 13-8  | 4-3   | 7-5   | 11-6  | 12-9  |
| 9-6   | 10-6  | 12-6  | 14-7  | 9-2   | 15-8  | 8-1   | 14-9  | 5-3   | 10-8  | 15-10 | 7-2   | 11-5  | 9-4   | 11-7  | 7-2   | 5-0   | 12-9  | 7-4   |
| 6-3   | 3-0   | 14-8  | 14-7  | 11-4  | 7-0   | 16-9  | 11-5  | 2-1   | 11-9  | 6-1   | 6-2   | 12-9  | 7-4   | 4-1   | 19-9  | 16-7  | 4-0   | 11-7  |

Key:

|      |       |
|------|-------|
| 1,2  | Tan   |
| 3,4  | Blue  |
| 5,6  | Black |
| 7,8  | Gray  |
| 9,10 | Brown |

Name: \_\_\_\_\_

Date: \_\_\_\_\_

# Dog

|       |       |       |       |       |       |       |      |       |       |       |       |       |       |       |      |       |       |      |
|-------|-------|-------|-------|-------|-------|-------|------|-------|-------|-------|-------|-------|-------|-------|------|-------|-------|------|
| 17-8  | 16-6  | 14-5  | 20-10 | 18-9  | 10-0  | 17-8  | 13-4 | 12-2  | 19-10 | 19-9  | 19-9  | 15-6  | 14-4  | 18-8  | 16-6 | 9-7   | 2-0   | 1-0  |
| 16-6  | 16-7  | 19-10 | 10-0  | 9-0   | 10-1  | 19-10 | 10-0 | 12-2  | 14-5  | 10-1  | 19-9  | 10-1  | 19-10 | 16-6  | 13-3 | 10-9  | 2-1   | 5-3  |
| 14-4  | 13-4  | 16-6  | 15-6  | 20-10 | 14-5  | 10-1  | 12-3 | 15-6  | 14-5  | 9-0   | 10-1  | 15-6  | 16-6  | 19-10 | 18-9 | 14-4  | 11-9  | 6-5  |
| 20-10 | 14-4  | 13-4  | 11-1  | 16-7  | 15-6  | 12-2  | 10-1 | 11-1  | 19-9  | 10-0  | 20-10 | 19-9  | 11-2  | 17-7  | 12-2 | 15-6  | 20-10 | 10-9 |
| 10-0  | 10-1  | 15-5  | 10-1  | 20-10 | 13-3  | 16-7  | 11-1 | 18-8  | 11-2  | 19-10 | 19-9  | 15-6  | 15-6  | 11-1  | 17-8 | 10-0  | 15-6  | 16-6 |
| 11-1  | 16-7  | 15-6  | 18-9  | 20-10 | 17-8  | 10-0  | 12-3 | 18-9  | 12-3  | 15-6  | 17-7  | 10-1  | 12-2  | 19-9  | 10-1 | 15-5  | 17-8  | 17-7 |
| 20-10 | 19-10 | 13-3  | 17-7  | 11-2  | 20-10 | 16-7  | 13-4 | 19-9  | 13-3  | 14-5  | 17-7  | 16-6  | 9-0   | 14-4  | 15-5 | 18-9  | 18-8  | 15-5 |
| 17-8  | 14-5  | 19-9  | 17-7  | 20-10 | 10-0  | 13-3  | 10-1 | 16-7  | 13-3  | 11-2  | 19-9  | 12-2  | 18-8  | 12-3  | 11-1 | 15-6  | 14-4  | 14-5 |
| 12-3  | 12-3  | 14-5  | 11-2  | 18-8  | 10-4  | 12-6  | 10-3 | 10-0  | 12-3  | 18-8  | 11-1  | 14-4  | 11-1  | 20-10 | 17-8 | 16-7  | 12-2  | 15-6 |
| 18-8  | 18-9  | 17-8  | 10-5  | 14-9  | 7-2   | 8-2   | 14-7 | 15-8  | 12-2  | 17-7  | 10-1  | 14-5  | 11-2  | 11-1  | 10-1 | 12-3  | 19-9  | 12-2 |
| 14-4  | 10-1  | 10-1  | 12-7  | 10-5  | 13-8  | 6-0   | 11-4 | 11-4  | 16-6  | 11-2  | 12-2  | 12-3  | 14-5  | 12-2  | 18-9 | 20-10 | 19-9  | 15-6 |
| 15-5  | 19-10 | 14-5  | 16-7  | 12-3  | 2-0   | 11-9  | 9-2  | 12-5  | 13-7  | 19-10 | 14-4  | 18-9  | 20-10 | 10-1  | 11-1 | 18-9  | 13-3  | 12-2 |
| 9-0   | 16-7  | 12-2  | 17-7  | 18-9  | 11-10 | 3-1   | 10-5 | 15-10 | 15-9  | 5-0   | 9-3   | 11-1  | 10-0  | 13-3  | 17-7 | 14-4  | 14-5  | 11-1 |
| 19-10 | 10-0  | 9-0   | 17-8  | 17-7  | 12-10 | 8-7   | 7-2  | 9-4   | 13-8  | 7-2   | 8-3   | 12-7  | 7-2   | 14-5  | 12-3 | 12-3  | 11-1  | 17-7 |
| 18-9  | 17-8  | 18-8  | 18-9  | 14-5  | 9-7   | 10-4  | 8-2  | 7-2   | 13-8  | 7-1   | 14-8  | 14-9  | 14-8  | 7-1   | 10-0 | 11-2  | 16-7  | 12-7 |
| 13-3  | 15-6  | 18-9  | 14-5  | 17-7  | 11-2  | 12-6  | 18-8 | 16-7  | 8-2   | 6-0   | 6-1   | 15-10 | 16-6  | 14-8  | 14-9 | 14-4  | 9-4   | 11-5 |
| 11-2  | 13-4  | 17-7  | 11-2  | 15-5  | 18-9  | 10-5  | 16-7 | 16-7  | 19-10 | 11-5  | 11-6  | 13-3  | 14-4  | 19-9  | 12-7 | 6-0   | 15-9  | 14-4 |
| 14-4  | 13-4  | 12-2  | 18-8  | 20-10 | 5-0   | 13-8  | 17-8 | 18-8  | 7-2   | 14-8  | 14-8  | 15-5  | 17-7  | 15-5  | 11-1 | 14-5  | 11-1  | 12-3 |
| 3-0   | 9-6   | 6-2   | 8-4   | 5-1   | 7-3   | 11-8  | 10-7 | 6-2   | 6-2   | 13-10 | 11-7  | 7-3   | 10-6  | 5-1   | 4-1  | 5-2   | 7-4   | 5-1  |
| 5-1   | 12-9  | 8-5   | 4-1   | 12-9  | 12-8  | 6-2   | 5-2  | 10-6  | 6-2   | 12-8  | 12-9  | 10-6  | 5-2   | 5-2   | 7-4  | 3-0   | 9-5   | 6-2  |

Key:

|      |        |
|------|--------|
| 1,2  | Orange |
| 3,4  | Green  |
| 5,6  | Brown  |
| 7,8  | Black  |
| 9,10 | Blue   |