

**Time limit:** 60 minutes.

**Instructions:** This test contains 24 short answer questions. *The problems are not ordered by difficulty.* All answers on this test are integers. Please enter your answers as integers with no units or other symbols.

**Scoring:** One point will be awarded for each correctly solved problem. Additionally, one point will be awarded for each “bingo”, defined as correctly solving all of the problems in a row, column, or long diagonal (bottom left to top right or top left to bottom right) of the following grid. Note that the center square of the grid is a free space that is considered to be correct when evaluating bingos. In total, there are 24 points available from solving problems and 12 points available from the bingos (5 rows, 5 columns, 2 long diagonals) for a maximum score of 36 points.

**No calculators.**

1	2	3	4	5
6	7	8	9	10
11	12	●	13	14
15	16	17	18	19
20	21	22	23	24

1	2	3	4	5
6	7	8	9	10
11	12	Free	13	14
15	16	17	18	19
20	21	22	23	24