

Christmas Delight Major

The diagram illustrates eight distinct partitions of the number 120 into 12 parts, each represented by a unique shape formed by blue lines connecting the numbers 1 through 12. The numbers are arranged in a grid, and the shapes are labeled with circled numbers 2 through 9. The shapes are:

- ②: A zig-zag shape starting at 1, going up to 2, down to 3, up to 4, down to 5, up to 6, down to 7, up to 8, down to 9, up to 10, down to 11, up to 12.
- ③: A zig-zag shape starting at 1, going up to 2, down to 3, up to 4, down to 5, up to 6, down to 7, up to 8, down to 9, up to 10, down to 11, up to 12.
- ④: A zig-zag shape starting at 1, going up to 2, down to 3, up to 4, down to 5, up to 6, down to 7, up to 8, down to 9, up to 10, down to 11, up to 12.
- ⑤: A zig-zag shape starting at 1, going up to 2, down to 3, up to 4, down to 5, up to 6, down to 7, up to 8, down to 9, up to 10, down to 11, up to 12.
- ⑥: A zig-zag shape starting at 1, going up to 2, down to 3, up to 4, down to 5, up to 6, down to 7, up to 8, down to 9, up to 10, down to 11, up to 12.
- ⑦: A zig-zag shape starting at 1, going up to 2, down to 3, up to 4, down to 5, up to 6, down to 7, up to 8, down to 9, up to 10, down to 11, up to 12.
- ⑧: A zig-zag shape starting at 1, going up to 2, down to 3, up to 4, down to 5, up to 6, down to 7, up to 8, down to 9, up to 10, down to 11, up to 12.
- ⑨: A zig-zag shape starting at 1, going up to 2, down to 3, up to 4, down to 5, up to 6, down to 7, up to 8, down to 9, up to 10, down to 11, up to 12.