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Diagram illustrating the decomposition of 100 into 10 groups of 10. The top row shows 100 as a single long bar divided into 10 groups of 10. The bottom row shows 10 groups of 10, each represented by a smaller bar divided into 10 groups of 1.









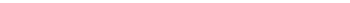












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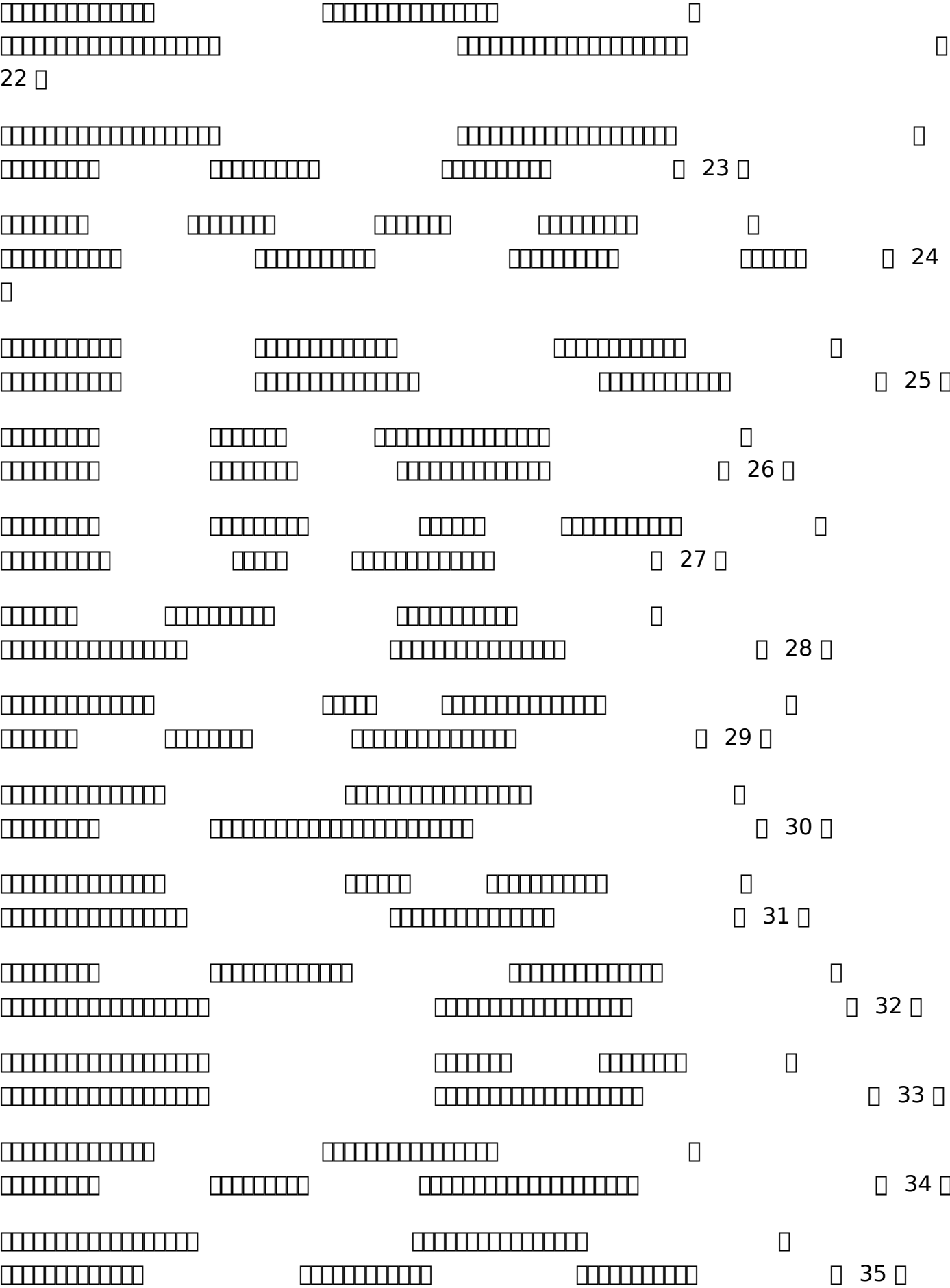







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Figure 1 shows a 21x21 grid of squares, representing a 2D lattice. The grid is divided into four quadrants by a vertical line at column 11 and a horizontal line at row 11. The top-left quadrant (columns 1-10, rows 1-10) contains a pattern of black squares. The top-right quadrant (columns 12-21, rows 1-10) contains a pattern of black squares. The bottom-left quadrant (columns 1-10, rows 12-21) contains a pattern of black squares. The bottom-right quadrant (columns 12-21, rows 12-21) contains a pattern of black squares. The grid is labeled with '1' to '21' along the top and right edges, indicating the row and column indices.



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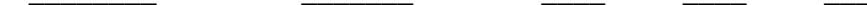








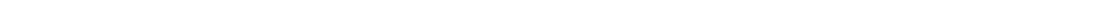

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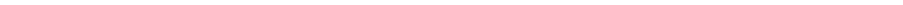







Base ten blocks representing the number 36: 3 tens rods and 6 ones units.





A number line from 0 to 100 is shown. Above the number line, base ten blocks are placed to represent the number 40. There are four tens rods (each 10 units long) and zero ones units. The blocks are placed at the following positions: one ten rod from 0 to 10, one ten rod from 20 to 30, one ten rod from 40 to 50, and one ten rod from 60 to 70. The number 40 is written at the end of the number line.

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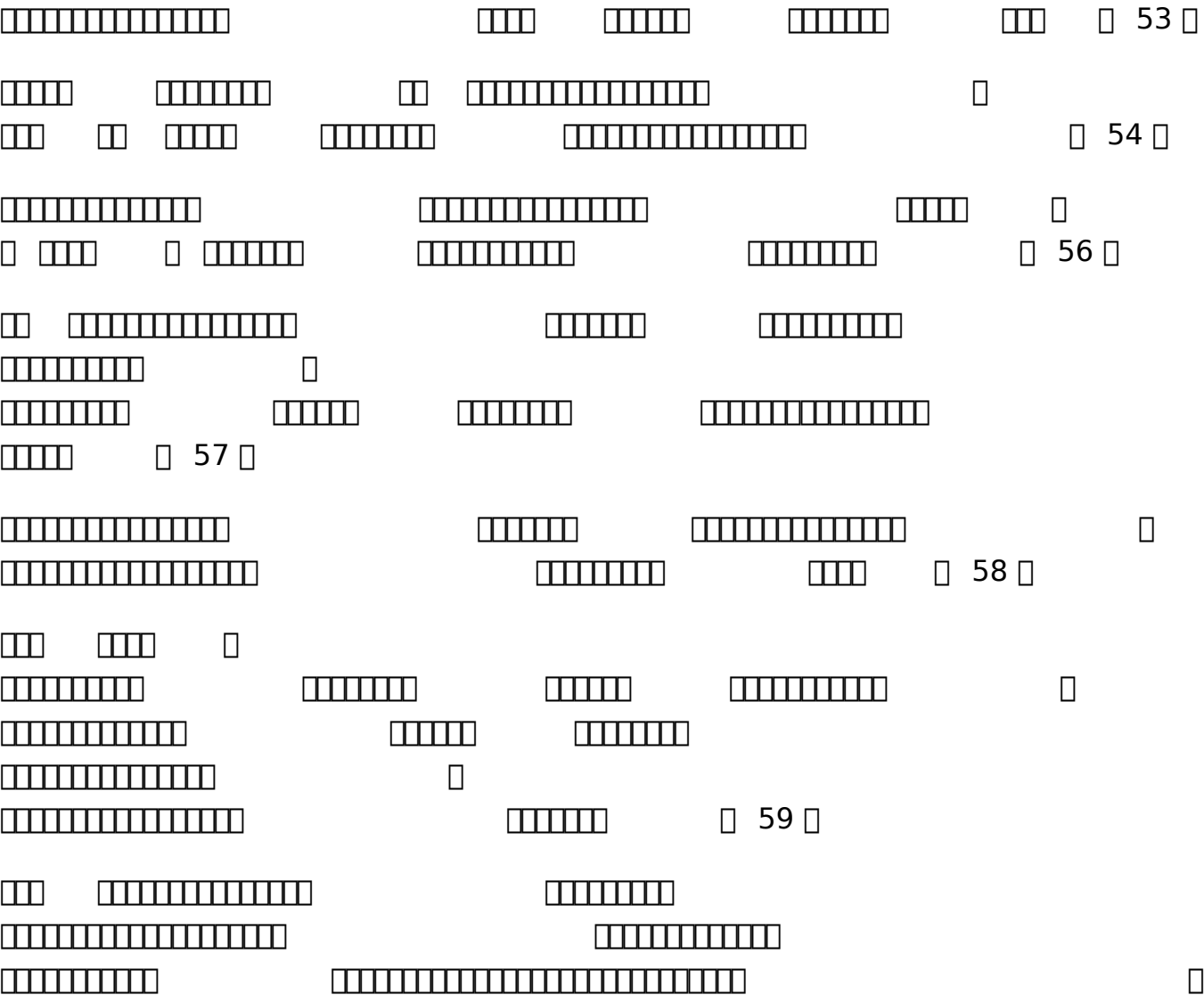
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