

Amritanilayam Stotras

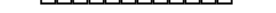
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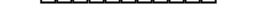




















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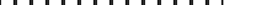


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A 5x5 grid of rectangles. The rectangles are arranged in rows and columns, with some being taller and narrower, and others being shorter and wider. The total area of the rectangles is 12 square units.

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1 2 3 4 5 6 7 8 9 0

1 2 3 4 5 6 7 8 9 0

1 2 3 4 5 6 7 8 9 0

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The diagram illustrates a sequence of rectangles representing numbers from 0 to 21. The rectangles are arranged in four rows:

- Row 1:** Rectangles for 0, 1, 2, 3, 4, 5, 6, 7, 8, 9.
- Row 2:** Rectangles for 10, 11, 12, 13, 14, 15, 16, 17, 18, 19.
- Row 3:** Rectangles for 20, 21.
- Row 4:** A single rectangle for 22.

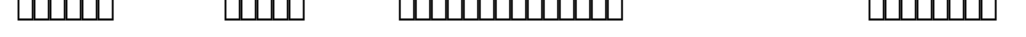
The rectangles are labeled with their corresponding numbers. The sequence ends with ". 21".

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Diagram illustrating a sequence of blocks, each containing a different number of smaller blocks (ranging from 1 to 10). The blocks are arranged in five rows. The first row has 3 blocks (8, 4, 8). The second row has 1 block (10). The third row has 5 blocks (3, 8, 8, 2, 5). The fourth row has 4 blocks (8, 8, 3, 5). The fifth row has 5 blocks (8, 5, 3, 8, 7). A legend at the bottom right shows a block with the number 31 next to it.

A 4x10 grid of blocks representing the number 32. The top row has 10 blocks, the second row has 8 blocks, the third row has 8 blocks, and the bottom row has 6 blocks. The blocks are arranged in a way that suggests a base-10 system, with some blocks being shaded light blue and others white.

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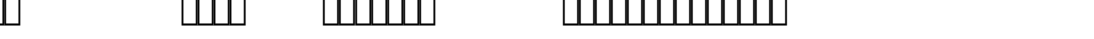









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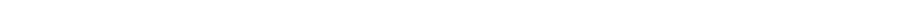
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A collection of 18 rectangles of various sizes and orientations, some grouped together and others separated by a tilde symbol (~).





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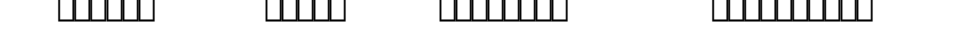
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Diagram illustrating a sequence of operations or steps, represented by rectangular blocks of varying lengths, connected by a tilde symbol (~) and a period (.), suggesting a sequence or flow.

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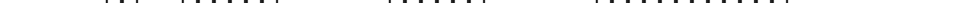

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Books Read	Number of Students
10 or more	10
6 to 9	15
3 to 5	10
2	5
1	10

1,234,567,890

The diagram illustrates the decomposition of the number 79 into tens and ones using base ten blocks. The top row shows 7 tens rods and 9 ones units. The second row shows 6 tens rods, 1 ten rod decomposed into 10 ones units, and 9 ones units. The third row shows 6 tens rods and 19 ones units. The bottom row shows 6 tens rods, 10 ones units, and 9 ones units, with a decimal point and the number 79.

The diagram illustrates the decomposition of a 10x10 grid into 1x10 and 2x5 blocks. The grid is shown as a 10x10 array of small squares. The decomposition is shown as a 10x10 array of larger blocks, where each block is a 1x10 or 2x5 grid of small squares. The decomposition is shown as a 10x10 array of larger blocks, where each block is a 1x10 or 2x5 grid of small squares.



The figure shows a 5x5 grid of rectangles. The rectangles are arranged in a pattern that suggests a banded structure, with some rectangles being larger than others. The pattern is symmetric about the main diagonal. The rectangles are arranged as follows:

- Row 1: 1 large rectangle at (1,1), 1 medium rectangle at (1,4), 1 medium rectangle at (1,5), and 1 small rectangle at (1,5).
- Row 2: 1 small rectangle at (2,1), 1 small rectangle at (2,2), and 1 small rectangle at (2,5).
- Row 3: 1 large rectangle at (3,1), 1 medium rectangle at (3,3), 1 medium rectangle at (3,4), and 1 small rectangle at (3,5).
- Row 4: 1 medium rectangle at (4,1), 1 medium rectangle at (4,3), 1 medium rectangle at (4,4), and 1 medium rectangle at (4,5).
- Row 5: 1 medium rectangle at (5,1), 1 medium rectangle at (5,3), 1 medium rectangle at (5,4), and 1 small rectangle at (5,5).



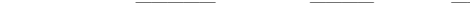
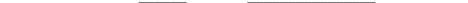
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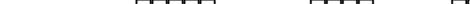
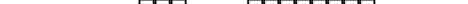
The diagram illustrates the padding process for a 100-bit message. The message is divided into 10 segments of 10 bits each. These segments are padded with zeros to form a 1024-bit block. The padding is represented by a large '0' followed by a series of '0's. The final block is then divided into 10 segments of 102 bits each, with the last segment containing a '1' followed by zeros.

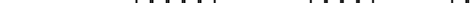
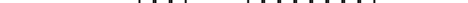
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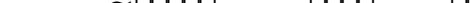
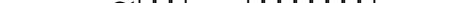
Diagram illustrating the structure of the 94×94 matrix $\mathbf{A}$ for the $2D$ problem. The matrix is partitioned into blocks, with the top-left block being a 94×94 matrix. The diagram shows the arrangement of blocks in the matrix, including the main diagonal and off-diagonal blocks, and the corresponding dimensions of the blocks.



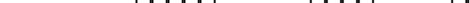
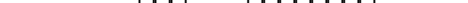




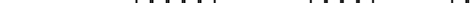
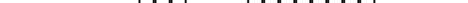



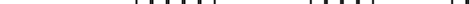
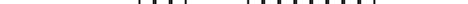



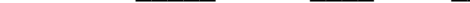
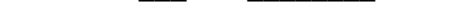





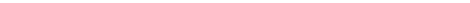
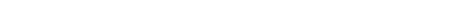




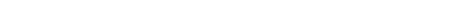
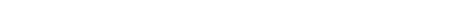



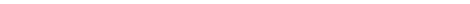
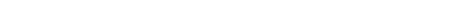



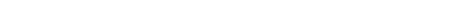
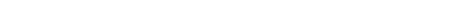



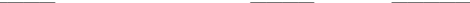
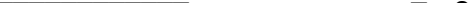


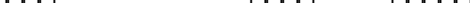
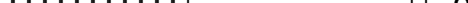




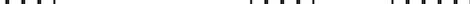
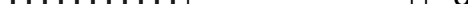



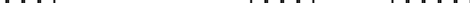
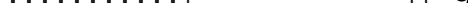



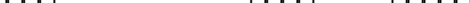
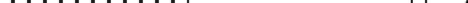



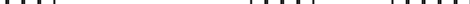
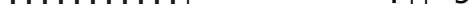



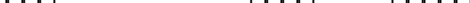
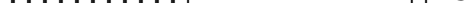


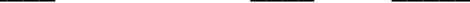
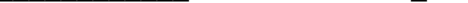




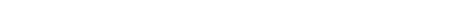
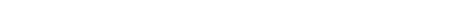



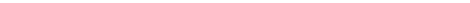
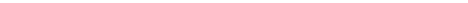






Row 1: 10 boxes, 3 boxes, 10 boxes, 6 boxes, 2 boxes.
 Row 2: 3 boxes, 8 boxes, 4 boxes, 4 boxes, 6 boxes, 9 boxes.
 Row 3: 7 boxes, ~, 7 boxes, 10 boxes, 3 boxes, 4 boxes, 2 boxes.
 Row 4: 9 boxes, 2 boxes, 3 boxes, 5 boxes, 10 boxes, ., 99, 2 boxes.

[illegible]

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