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The diagram illustrates a sequence of 32 rectangular blocks arranged in four rows. The first row contains 8 blocks, the second row contains 8 blocks, the third row contains 8 blocks, and the fourth row contains 8 blocks. The blocks are arranged in a staggered pattern, with the second row starting further to the right than the first, and the third row starting further to the right than the second, and so on.

The diagram illustrates a sequence of 32 rectangular blocks arranged in four rows. The first row contains 8 blocks. The second row contains 8 blocks, starting from the second position of the first row. The third row contains 8 blocks, starting from the third position of the first row. The fourth row contains 8 blocks, starting from the fourth position of the first row. This arrangement suggests a staggered or overlapping sequence of elements.

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The diagram illustrates a sequence of 32 rectangular blocks arranged in five rows. The first row contains 16 blocks. The second row also contains 16 blocks. The third row contains 16 blocks, starting from the 17th column. The fourth row contains 16 blocks. The fifth row contains 16 blocks, starting from the 9th column.

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The diagram illustrates a sequence of 32 rectangular blocks arranged in four rows. The first row contains 8 blocks, the second row contains 8 blocks, the third row contains 8 blocks, and the fourth row contains 8 blocks. The blocks are arranged in a staggered pattern, with the second row starting further to the right than the first, and the third row starting further to the right than the second, and so on.

The diagram illustrates a sequence of 28 rectangular blocks arranged in four rows. The first three rows each contain 7 blocks, and the fourth row contains 7 blocks with an additional 7 blocks indented from the left, totaling 14 blocks in the bottom row.

The diagram illustrates a sequence of 32 rectangular blocks arranged in four rows. The first row contains 8 blocks, the second row contains 8 blocks, the third row contains 8 blocks, and the fourth row contains 8 blocks. The blocks are arranged in a staggered pattern, with the second row starting further to the right than the first, and the third row starting further to the right than the second, and so on.

The diagram illustrates the hierarchical structure of a 1024-point Fast Fourier Transform (FFT). It is organized into 10 rows, each representing a different stage of the computation. The first row contains 1024 individual data points, each represented by a small rectangle. Subsequent rows show the data being grouped into larger segments, with the number of segments decreasing and the size of each segment increasing. For example, the second row shows 512 segments of size 2, the third row shows 256 segments of size 4, and so on. The final row shows 2 segments of size 512. The diagram uses a consistent color-coding scheme: the first row is light blue, the second row is light green, the third row is light yellow, the fourth row is light orange, the fifth row is light pink, the sixth row is light purple, the seventh row is light blue, the eighth row is light green, the ninth row is light yellow, and the tenth row is light orange. This visual representation helps to understand the recursive nature of the FFT algorithm, where the input is repeatedly split into smaller parts and then recombined to produce the final output.

Diagram illustrating a sequence of 32 rectangular blocks arranged in four rows. The blocks are labeled 1 through 32, starting from the top left and moving right across each row, then down to the next row. The blocks are arranged in a staggered pattern, with the second and fourth rows shifted to the right relative to the first and third rows.

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The diagram illustrates a sequence of 32 rectangular blocks arranged in four rows. The first row contains 8 blocks, the second row contains 8 blocks, the third row contains 8 blocks, and the fourth row contains 8 blocks. The blocks are arranged in a staggered pattern, with the second row starting further to the right than the first, and the third row starting further to the right than the second, and so on.

Diagram illustrating a sequence of 20 boxes arranged in four rows of five boxes each. The boxes are labeled with numbers 1 through 20, starting from the top left and moving right across each row, then down to the next row.

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A diagram illustrating a sequence of 32 boxes arranged in four rows of eight. The first three rows consist of white boxes, while the fourth row consists of black boxes. This visualizes the concept of a sequence where the last element is the only one that is black, as described in the text.

The diagram illustrates a sequence of 28 rectangular blocks arranged in four rows. The first three rows each contain 7 blocks, and the fourth row contains 7 blocks with an additional 7 blocks indented from the left, totaling 28 blocks.

[illegible]

The diagram illustrates a sequence of 32 rectangular blocks arranged in four rows. The first three rows each contain 8 blocks, and the fourth row contains 16 blocks. The blocks are arranged in a staggered pattern, with the second and fourth rows shifted to the right relative to the first and third rows. The blocks are labeled with numbers 1 through 32, starting from the top left and proceeding row by row.

[illegible]

The diagram illustrates a sequence of 32 rectangular blocks arranged in four rows. The first row contains 8 blocks, the second row contains 8 blocks, the third row contains 8 blocks, and the fourth row contains 8 blocks. The blocks are arranged in a staggered pattern, with the second row starting further to the right than the first, and the third row starting further to the right than the second, and so on.

The diagram illustrates a sequence of 28 rectangular blocks arranged in four rows. The first three rows each contain 7 blocks, and the fourth row contains 7 blocks with an additional 7 blocks indented from the left, totaling 14 blocks in the bottom row.

The diagram illustrates a sequence of 28 rectangular blocks arranged in four rows. The first three rows each contain 7 blocks, and the fourth row contains 7 blocks with an additional 7 blocks indented from the left, totaling 14 blocks in the bottom row.

Diagram illustrating a sequence of 32 rectangular blocks arranged in four rows. The first three rows each contain 8 blocks, and the fourth row contains 16 blocks. The blocks are arranged in a staggered pattern, with the second and fourth rows shifted to the right relative to the first and third rows. The blocks are labeled with numbers 1 through 32, starting from the top left and proceeding row by row from left to right.

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Diagram illustrating a sequence of 32 rectangular blocks arranged in four rows. The first three rows each contain 8 blocks, and the fourth row contains 16 blocks. The blocks are arranged in a staggered pattern, with the second and fourth rows shifted to the right relative to the first and third rows. The blocks are labeled with numbers 1 through 32, starting from the top left and proceeding row by row from left to right.

The diagram illustrates a sequence of 32 rectangular blocks arranged in four rows. The first three rows each contain 8 blocks, and the fourth row contains 16 blocks. The blocks are arranged in a staggered pattern, with the second and fourth rows shifted to the right relative to the first and third rows. The blocks are labeled with numbers 1 through 32, starting from the top left and proceeding row by row from left to right.

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Diagram illustrating a sequence of 32 rectangular blocks arranged in four rows. The first three rows each contain 8 blocks, and the fourth row contains 16 blocks. The blocks are arranged in a staggered pattern, with the second and fourth rows shifted to the right relative to the first and third rows. The blocks are labeled with numbers 1 through 32, starting from the top left and proceeding row by row from left to right.

The diagram illustrates a sequence of 32 rectangular blocks arranged in four rows. The first row contains 8 blocks, the second row contains 8 blocks, the third row contains 8 blocks, and the fourth row contains 8 blocks. The blocks are arranged in a staggered pattern, with each block in a row shifted to the right relative to the blocks in the row above it.

The diagram illustrates a sequence of 20 rectangular blocks arranged in four rows. The first row contains 10 blocks. The second row contains 10 blocks, starting further to the right than the first row. The third row contains 10 blocks, starting further to the right than the second row. The fourth row contains 10 blocks, starting further to the right than the third row. This arrangement suggests a staggered or offset layout of the blocks.

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The diagram illustrates a sequence of 32 rectangular blocks arranged in four rows. The first row contains 8 blocks, the second row contains 8 blocks, the third row contains 8 blocks, and the fourth row contains 8 blocks. The blocks are arranged in a staggered pattern, with the second row starting further to the right than the first, and the third row starting further to the right than the second, and so on.

The diagram illustrates a sequence of 28 elements, represented by rectangular blocks, arranged in 8 rows. The first 7 rows each contain 4 blocks, and the 8th row contains 4 blocks with a gap between the first and second block. This represents a sequence of 28 elements, with the last element being the only one in the 8th row.

The diagram illustrates a sequence of 28 rectangular blocks arranged in four rows. The first three rows each contain 7 blocks, and the fourth row contains 7 blocks with an additional 7 blocks indented from the left, totaling 28 blocks.

Diagram illustrating a sequence of 32 rectangular blocks arranged in four rows. The first three rows each contain 8 blocks, and the fourth row contains 16 blocks. The blocks are arranged in a staggered pattern, with the second and fourth rows shifted to the right relative to the first and third rows. The blocks are labeled with numbers 1 through 32, starting from the top left and proceeding row by row from left to right.

The diagram illustrates a sequence of 32 rectangular blocks arranged in four rows. The first row contains 8 blocks, the second row contains 8 blocks, the third row contains 8 blocks, and the fourth row contains 8 blocks. The blocks are arranged in a staggered pattern, with the second row starting further to the right than the first, and the third row starting further to the right than the second, and so on.

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A grid consisting of 8 rows and 10 columns of small squares. Each square is defined by a thin black border. The squares are arranged in a regular pattern, filling most of the page area.

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A base ten block diagram showing 18 tens rods and 3 ones units. The tens rods are arranged in two rows of nine, and the ones units are arranged in a single row of three.

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11/11/2019

A diagram consisting of a 7x10 grid of squares. The top 6 rows are solid black. The bottom row consists of 7 black squares followed by 3 white squares.

A 15x15 grid of empty boxes for handwriting practice. The grid consists of 15 rows and 15 columns of identical, empty rectangular boxes, designed for students to practice writing letters and numbers.

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A large grid consisting of 8 rows and 10 columns of small squares, totaling 80 squares. The squares are arranged in a uniform pattern, with each square having a thin black border. This grid serves as a background for the text in the following section.

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A row of 18 vertical rectangular blocks representing tens, followed by a gap, and then a row of 3 vertical rectangular blocks representing ones.

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11/11/2019

A 15x15 grid of 225 small squares, each containing a single black dot in the center, representing a sparse matrix.

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A 10x10 grid of 100 empty square boxes for handwriting practice. Each box is a simple square outline, and the grid is composed of 10 rows and 10 columns.

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