


$$\mathbb{I} = 0,1$$



A blue square is shown, followed by an equals sign and the number 1.

A diagram illustrating the relationship between a large square and four smaller squares. On the left is a single large square with a blue border. To its right is an equals sign. On the right side of the equals sign is a large square with a purple border, which is internally divided into four smaller squares by a horizontal and a vertical purple line.

$$= 10$$

The diagram illustrates the concept of a definite integral as a limit of a Riemann sum. On the left, a solid green rectangle represents the total area. On the right, after an equals sign, a blue rectangle of the same dimensions is shown, partitioned into ten equal horizontal strips. This represents the area being approximated by a sum of rectangles.