

A large square is divided into five rectangles. The largest rectangle on the left is labeled $\frac{1}{2}$. To its right is a vertical rectangle labeled $\frac{1}{8}$. Below the $\frac{1}{8}$ rectangle is a large horizontal rectangle labeled $\frac{1}{4}$. To the right of the $\frac{1}{8}$ rectangle is a vertical rectangle labeled $\frac{1}{32}$. To the right of the $\frac{1}{32}$ rectangle is a small vertical rectangle labeled $\frac{1}{64}$. Below the $\frac{1}{32}$ rectangle is a horizontal rectangle labeled $\frac{1}{16}$. The rectangles are arranged such that their total width and height sum to the dimensions of the large square.

$$\frac{1}{2}$$

$$\frac{1}{8}$$

$$\frac{1}{32}$$

$$\frac{1}{64}$$

$$\frac{1}{16}$$

$$\frac{1}{4}$$