

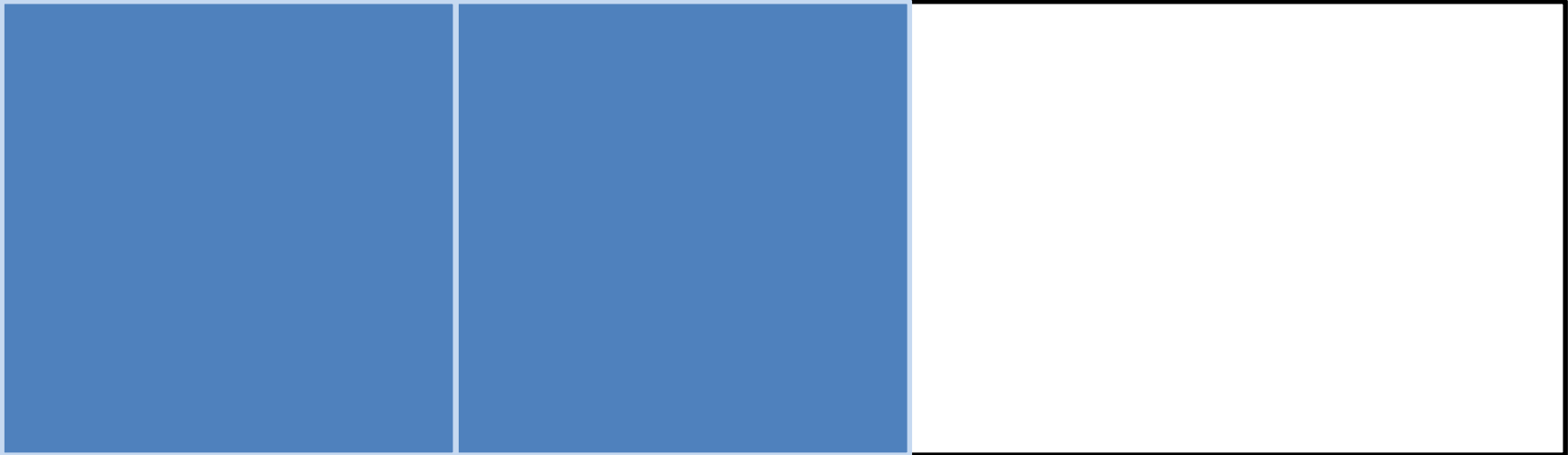
324

94



324

94



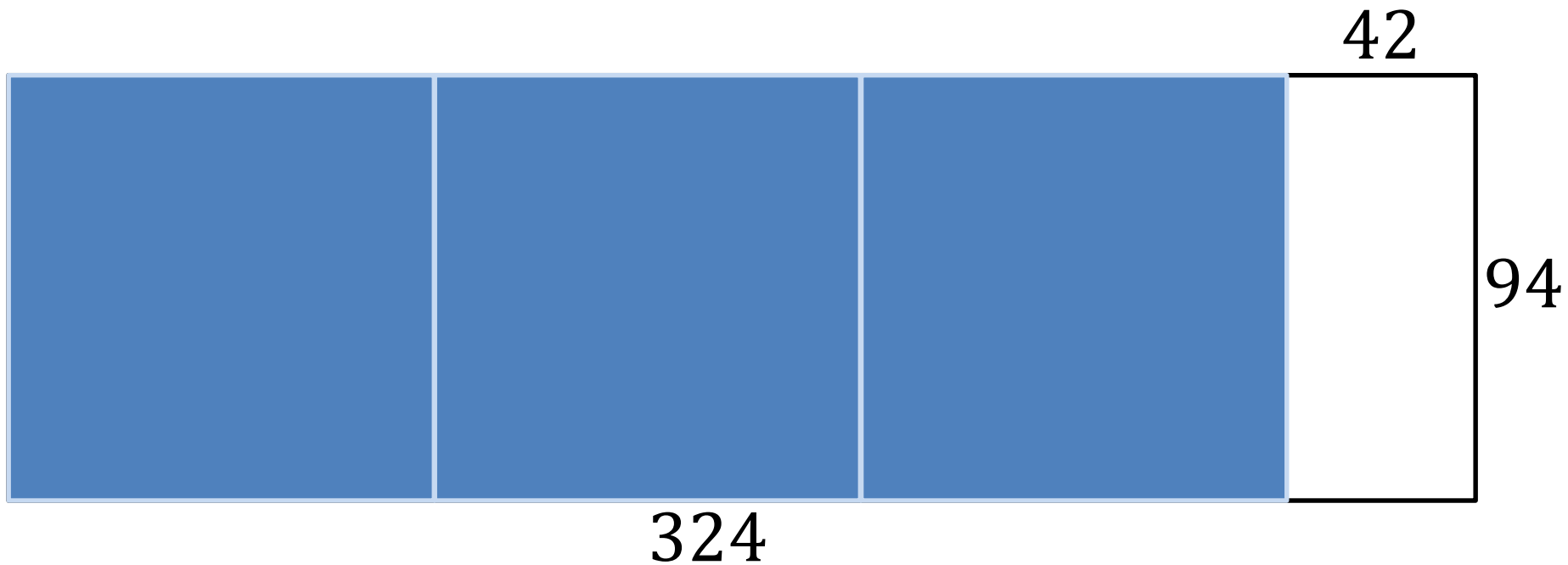
324

94

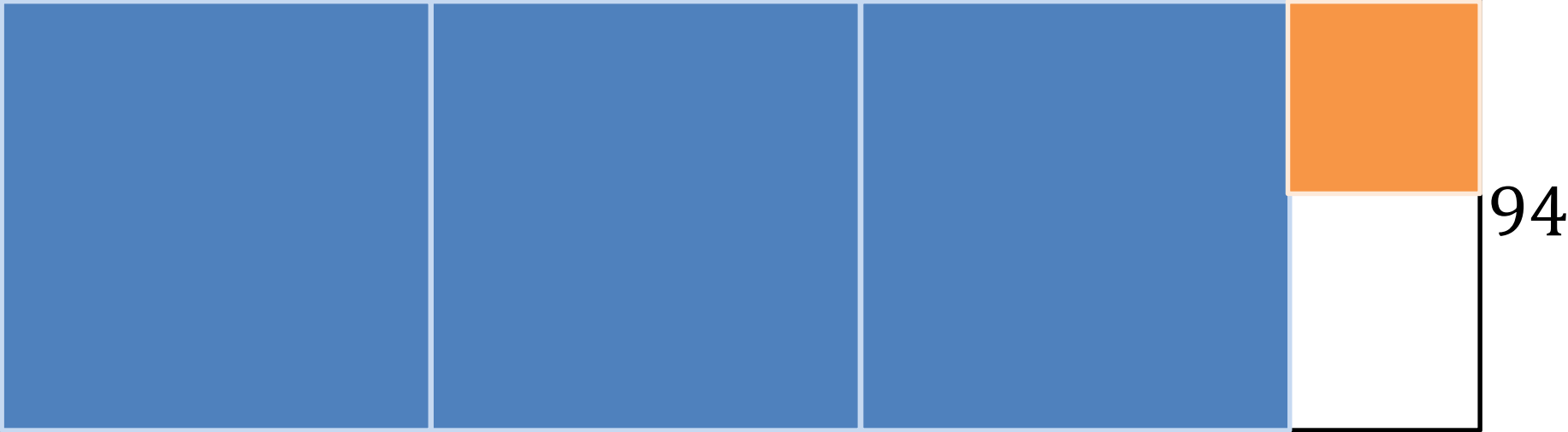


324

94



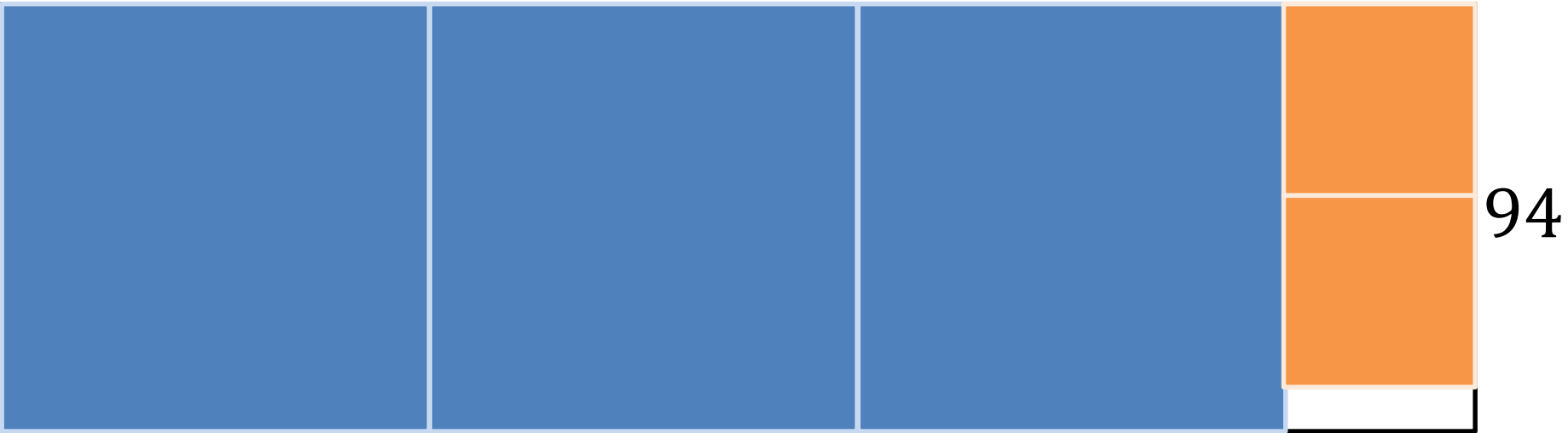
$$324 = 3 \cdot 94 + 42$$



324

42

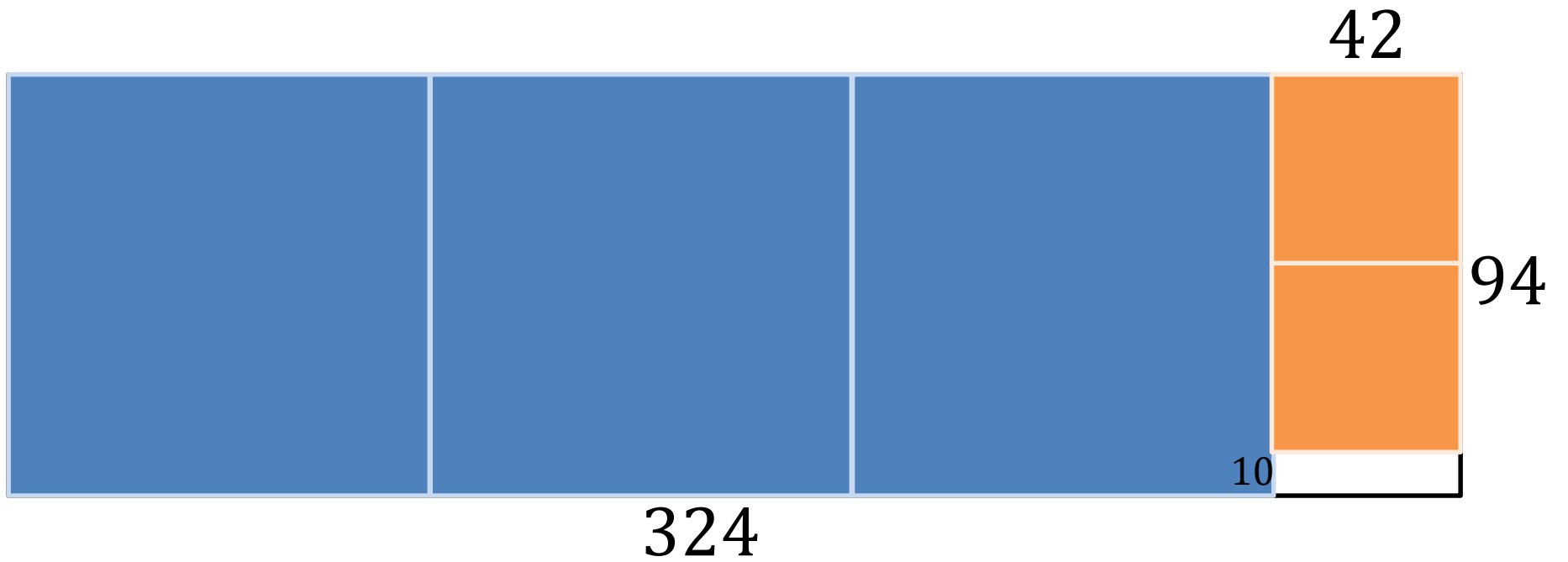
94



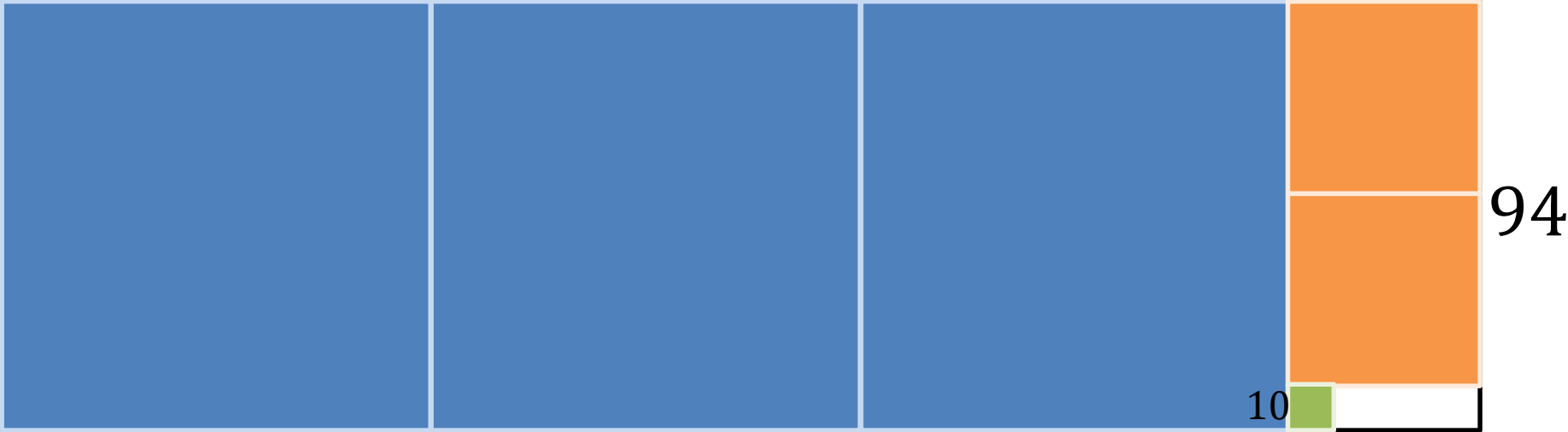
324

42

94



$$94 = 2 \cdot 42 + 10$$

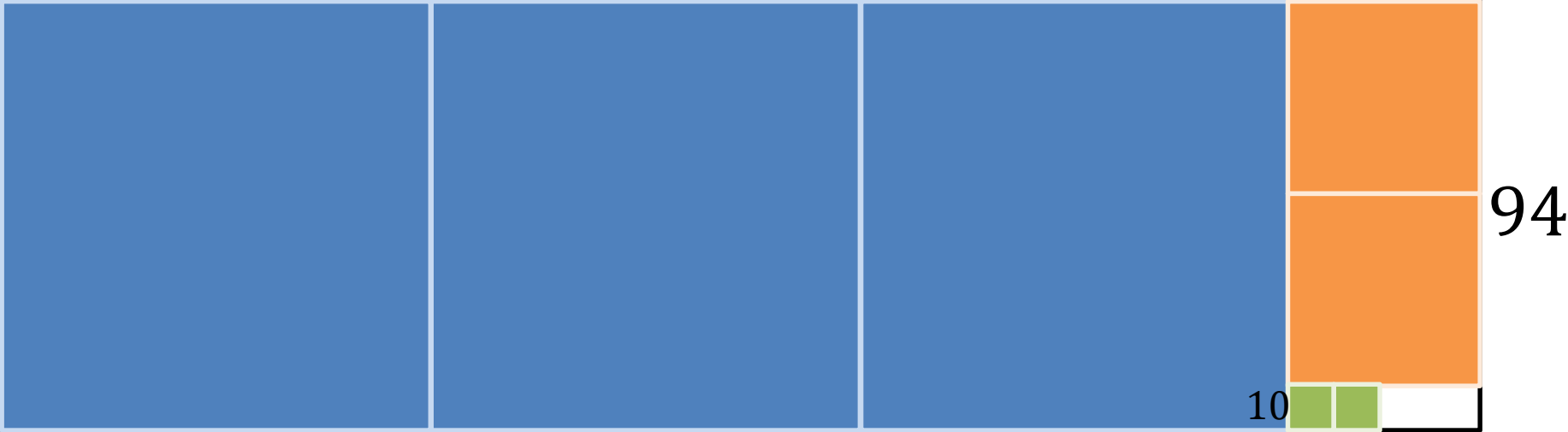


324

42

94

10

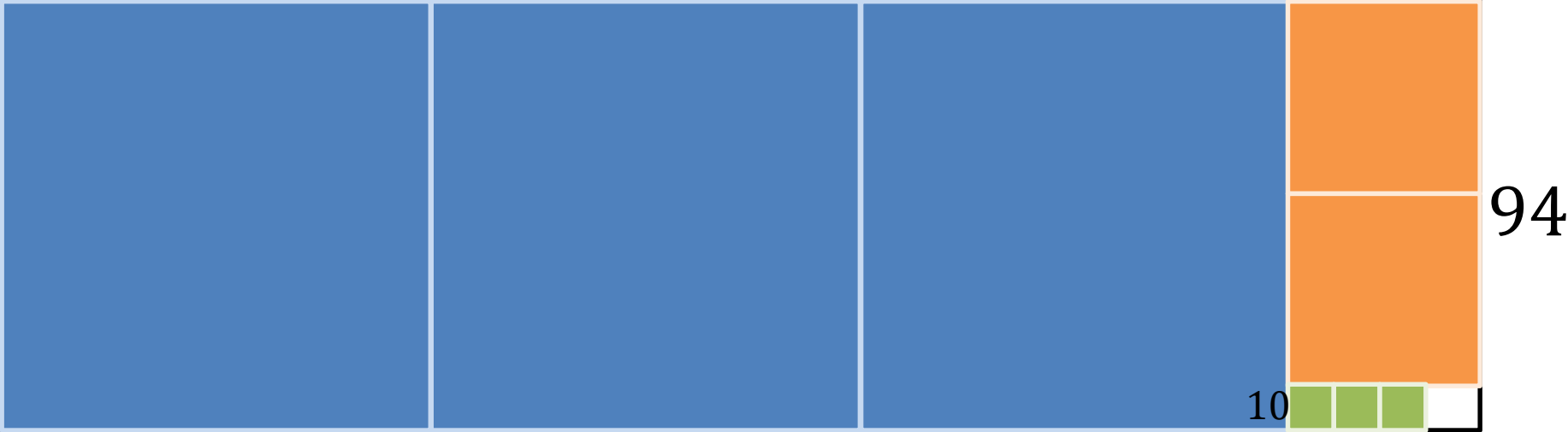


324

42

94

10

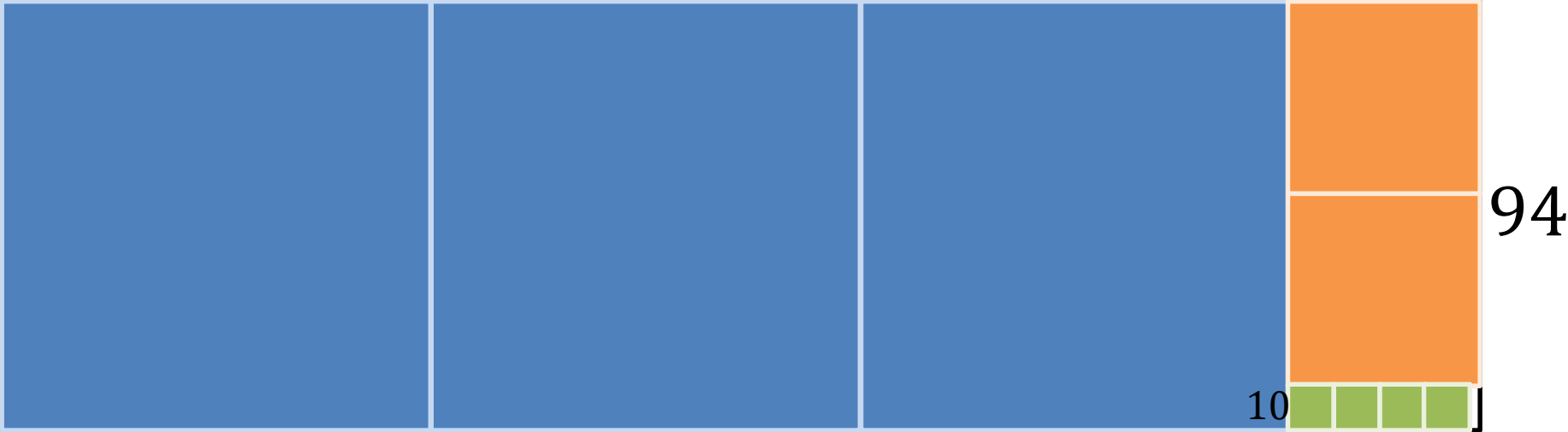


324

42

94

10

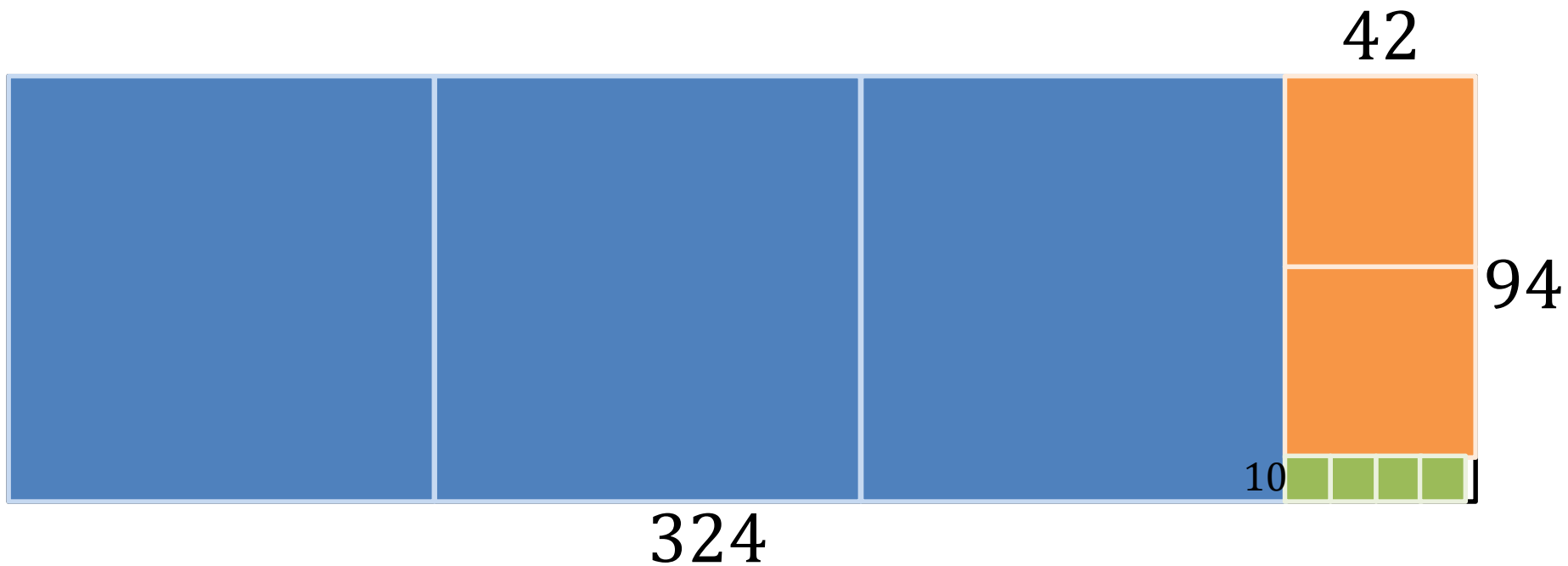


324

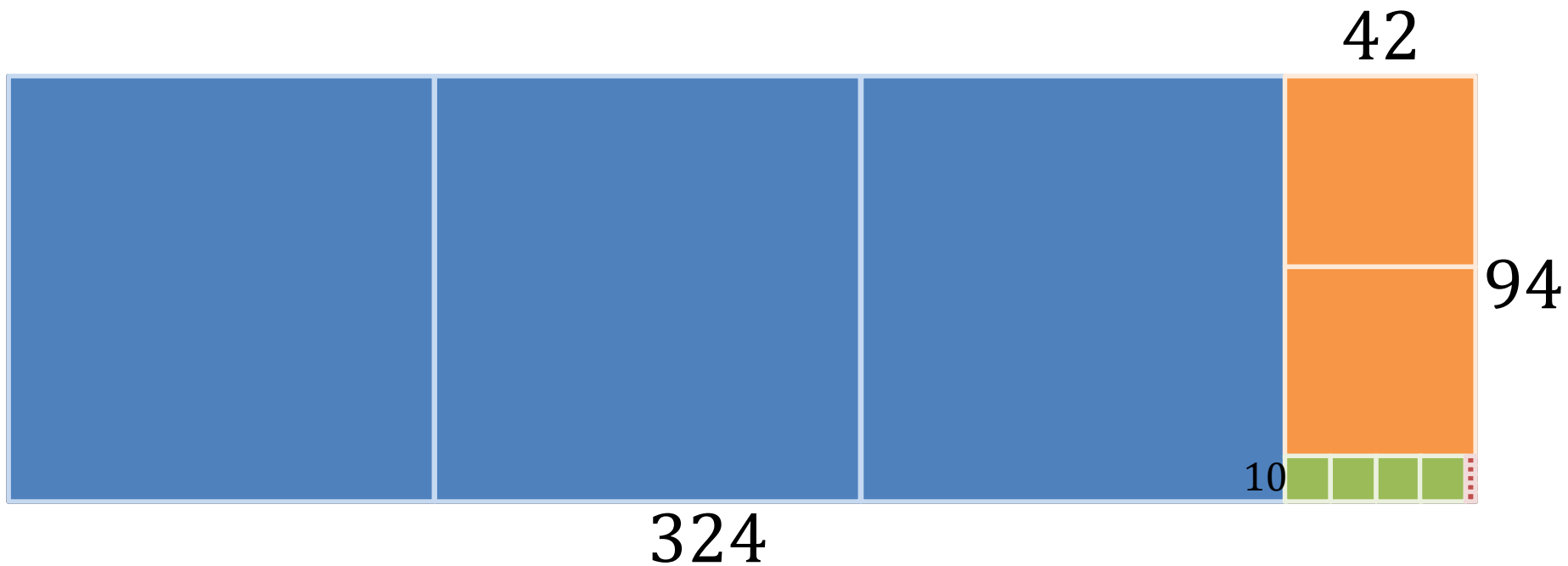
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94

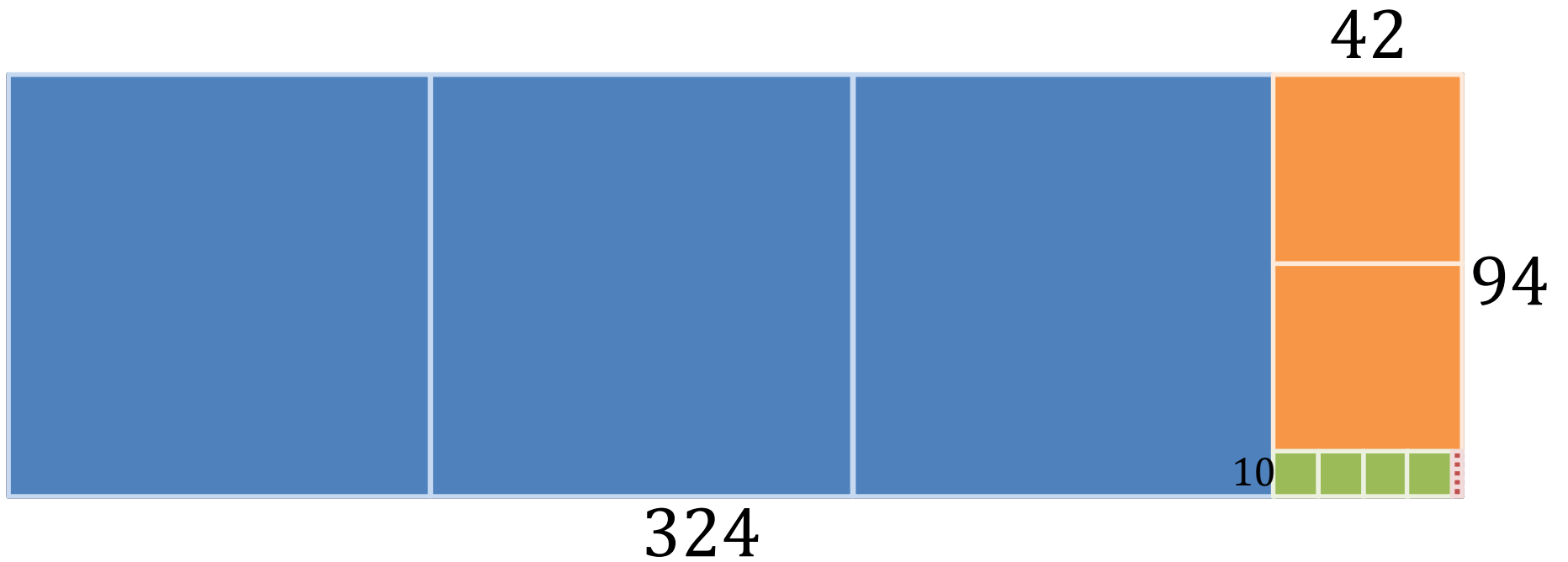
10



$$42 = 4 \cdot 10 + 2$$



$$10 = 5 \cdot 2 + 0$$

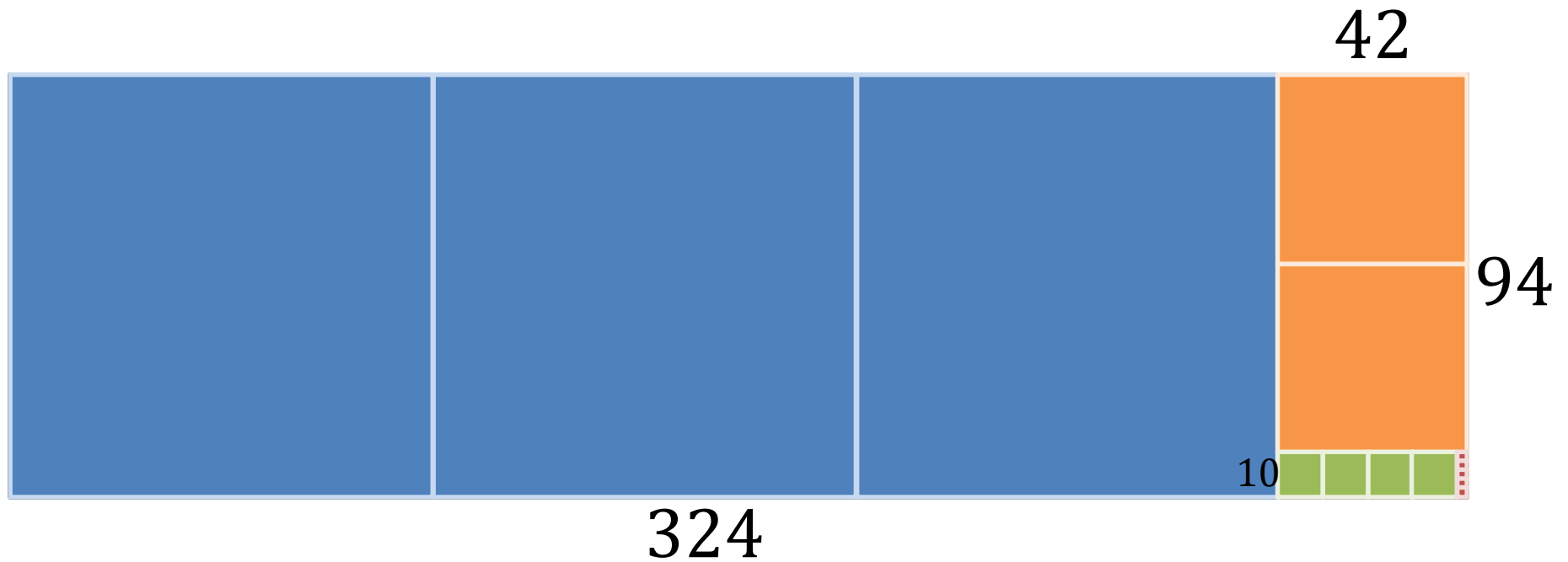


$$324 = 3 \cdot 94 + 42$$

$$94 = 2 \cdot 42 + 10$$

$$42 = 4 \cdot 10 + 2$$

$$10 = 5 \cdot 2 + 0$$



$$324 = 3 \cdot 94 + 42$$

$$94 = 2 \cdot 42 + 10$$

$$42 = 4 \cdot 10 + 2$$

$$10 = 5 \cdot 2 + 0$$

The GCD of 324 and 94 is 2.

This process is called the *Euclidean Algorithm*, though it was probably not discovered by Euclid and was independently discovered by Chinese and Indian mathematicians.