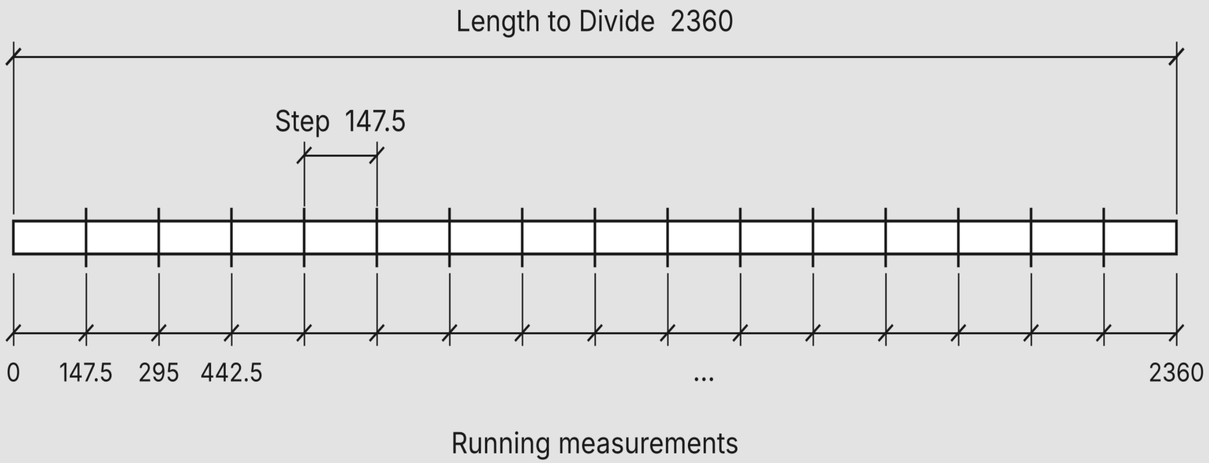
BuildMath

Create a Sequence

One worked example, with the maths behind each result - follow it in the app and check it by hand.

© Robert Butwell 2026



Create a Sequence gives a list of running measurements in equal steps - from a set step, a number of equal parts, or a target spacing.

Anything set out in equal steps along a length.

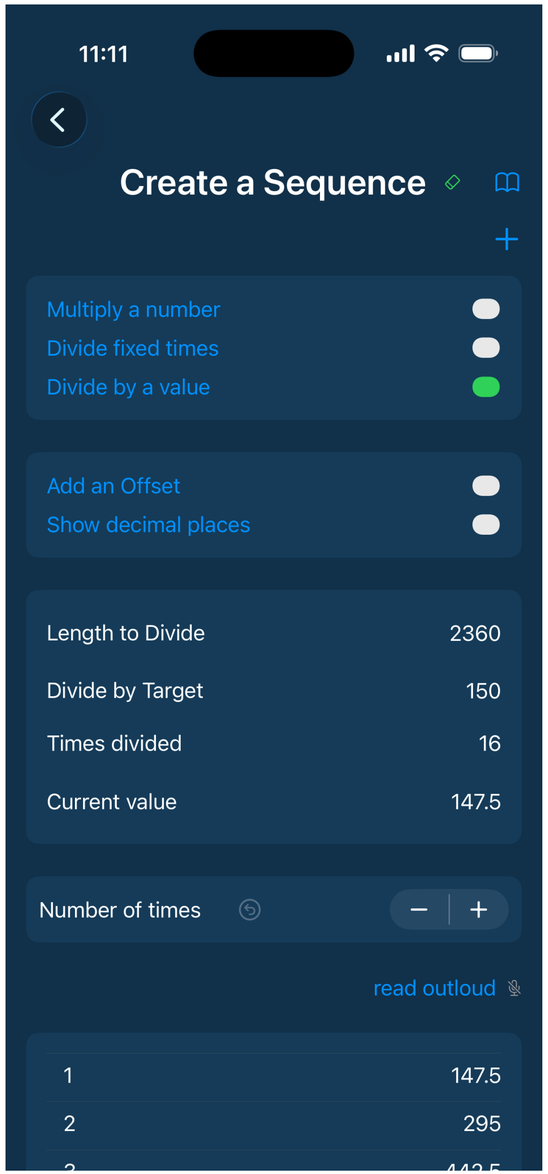
Multiply a number: each mark = previous mark + number

Divide fixed times: step = length ÷ number of times

Divide by a value: times = length ÷ target, rounded up, then step = length ÷ times

Note:
For objects with a width and a gap, like decking or balusters, use Divide Spaces or Object + Gap.

Inputs - Results



Choose the mode
Multiply a number, Divide fixed times or Divide by a value.
This example is Divide by a value - no space bigger than the target.

Enter the values

Length to Divide	2360
Divide by Target	150

2360 ÷ 150 = 15.7 - round up to 16 times, so no step is bigger than 150.
2360 ÷ 16 = 147.5 current value.
Marks: 147.5, 295, 442.5 ... 2212.5, 2360. The first mark is one step from 0; the last is the full length.

Add one with + and it recalculates: 17 times, 138.8.

Add an Offset adds the same amount to every mark.

Entering values, saving configs and read out loud: see Build Math - the basics.