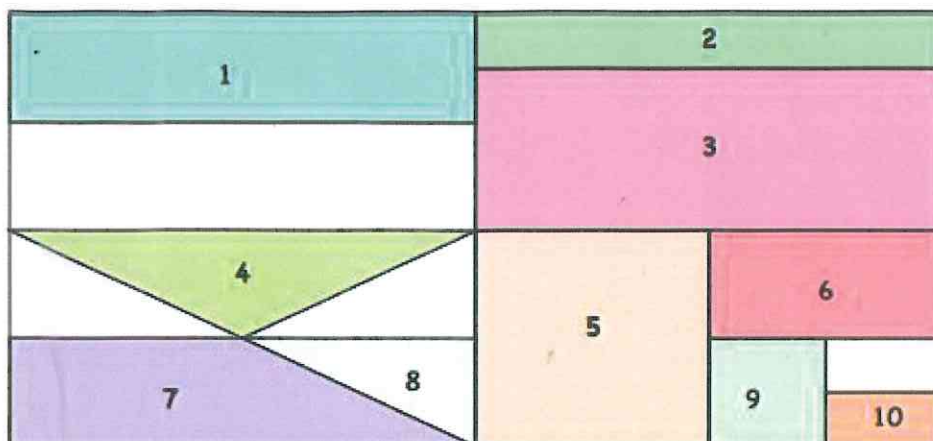


## Rectangle Tangle



The large rectangle above is divided into a series of smaller quadrilaterals and triangles. Each of the shapes is a fractional part of the large rectangle.

Can you untangle what fractional part is represented by each of the ten numbered shapes?

1	$\frac{1}{8}$
2	$\frac{1}{16}$
3	$\frac{3}{16}$
4	$\frac{1}{16}$
5	$\frac{1}{8}$
6	$\frac{1}{16}$
7	$\frac{3}{32}$
8	$\frac{1}{32}$
9	$\frac{1}{32}$
10	$\frac{1}{64}$

How I did it:

First I took the easiest ones and worked them out. Then I took the harder ones, such as 7 and 3, and checked if they were made up of any other sections, so I could find out about how many times they would go into the larger rectangle.