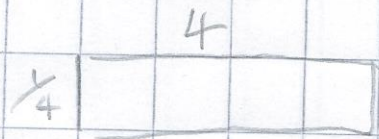


Is it possible to make a rectangle with a fraction perimeter and a whole number area.

We don't think it is because if you times a fraction (a number below 1) then it always gets smaller. e.g

$$\frac{1}{2} \times \frac{1}{2} = \frac{1}{4}$$

$$\frac{1}{4} \times \frac{1}{4} = \frac{1}{16}$$



But, if you have one side $\frac{1}{4}$ and the other side 4 then you get 1 as an area! as long as it is an even number above 4, it will work! All it has to be is the reciprocal of the whole number.