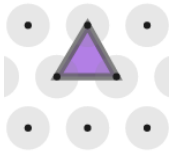
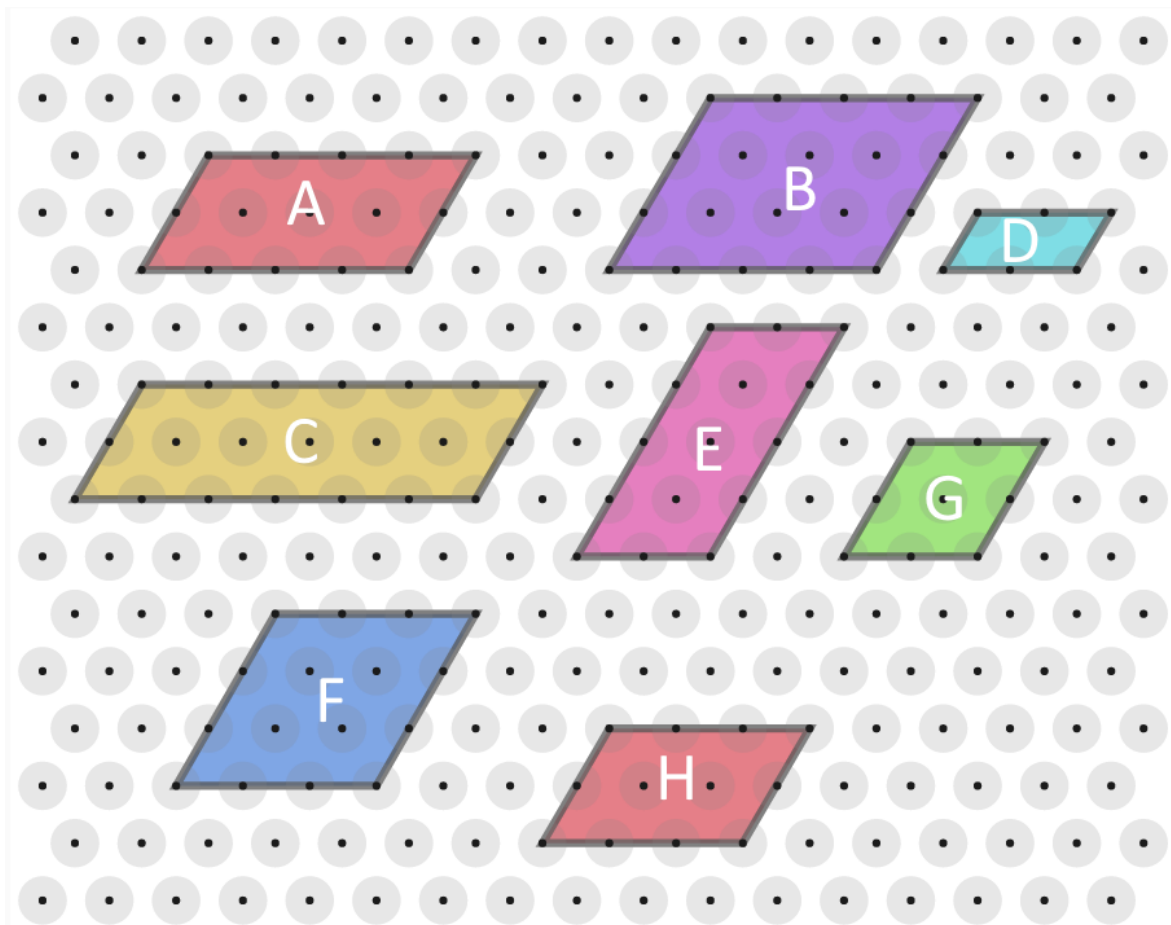


Here is an equilateral triangle with sides of length 1.



Let's define a unit of area, T , such that the triangle has area $1T$.

Here are some parallelograms whose side lengths are whole numbers.



Can you find the area, in terms of T , of each parallelogram?
Compare the results with the lengths of their edges.

What do you notice?

Can you explain what you've noticed?

Can you find a similar result for trapeziums in which all four lengths are whole numbers?