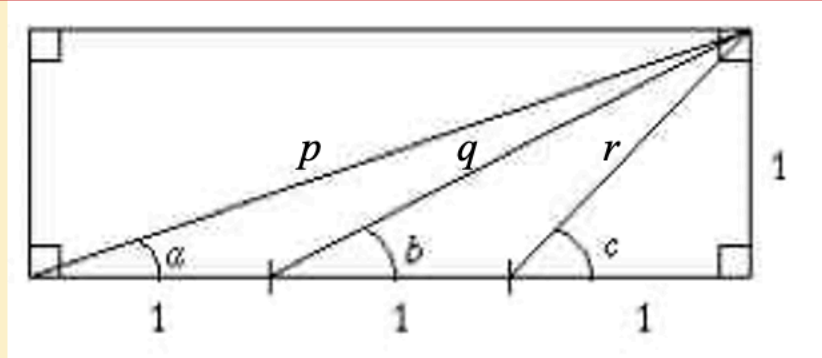




# THREE BY ONE

<https://aiminghigh.aimssec.ac.za/grades-three-by-one/>

The diagram shows 3 angles  $a$ ,  $b$  and  $c$  and 3 lengths  $p$ ,  $q$  and  $r$ .



How many ways can you prove that  $a + b = c$ ?

What can you discover about a similar diagram measuring  $n$  by 1?

What can you discover about  $p$ ,  $q$  and  $r$ ?

