

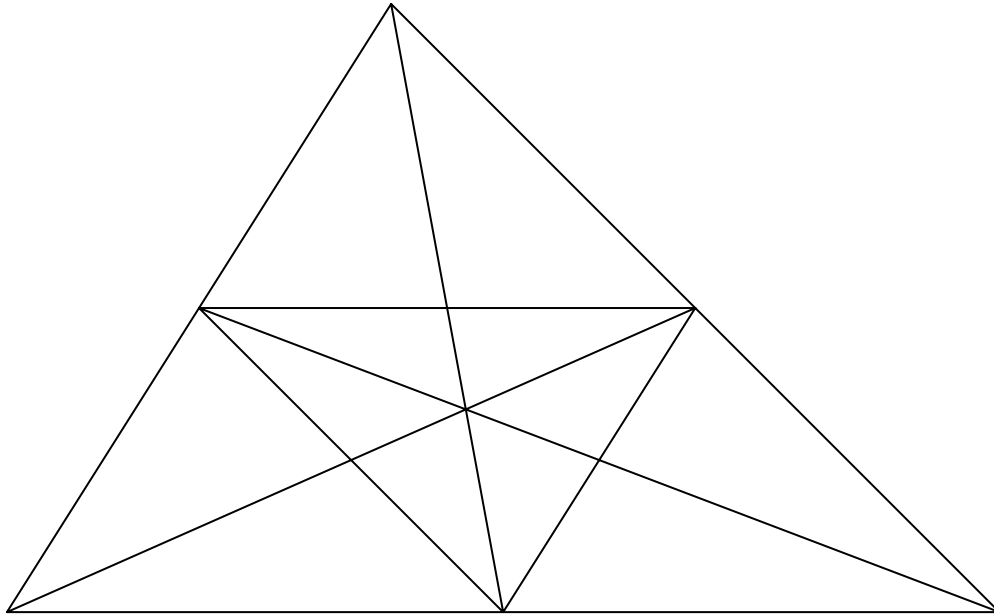


# Neurological Nasties X

[www.mathxtc.com](http://www.mathxtc.com)



1. How many triangles are in this figure ?



2. What is the last digit in (i)  $2^{2999}$  ?  
(ii)  $3^{2999}$  ?
3. Every BLIP is a BLOP. Half of all the BLEEPS are BLOPS. Half of all the BLOPS are BLIPS. There are 30 BLEEPS and 20 BLIPS. No BLEEP is a BLIP. How many BLOPS are neither BLIPS nor BLEEPS ?

