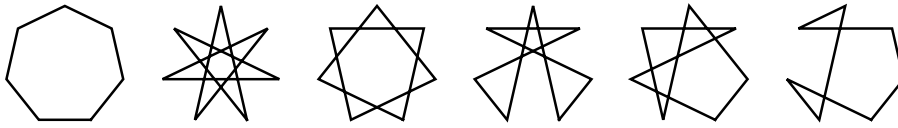


There are 6 essentially distinct polygons corresponding to  $a(3) = 24$ :



and 22 corresponding to  $a(4) = 180$ :

