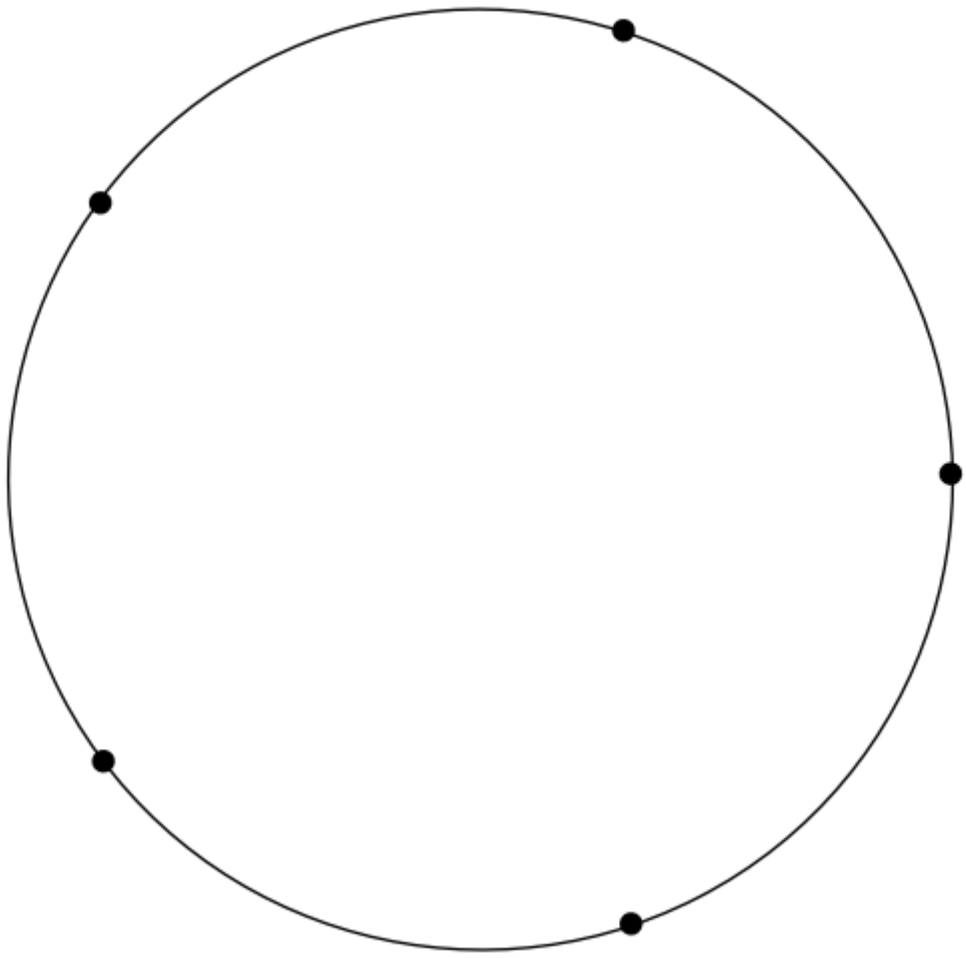
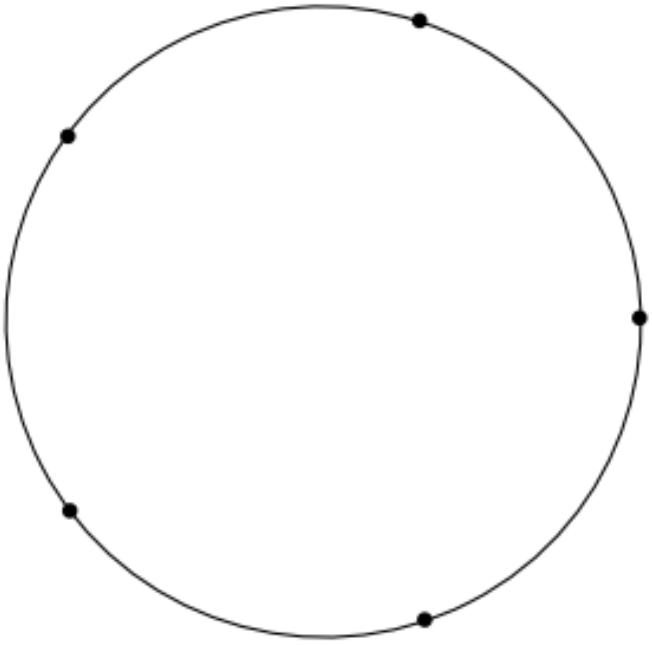
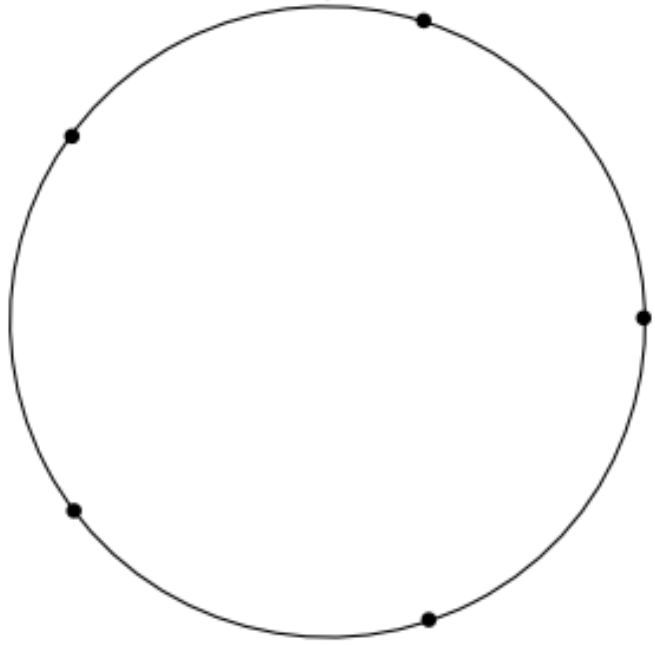
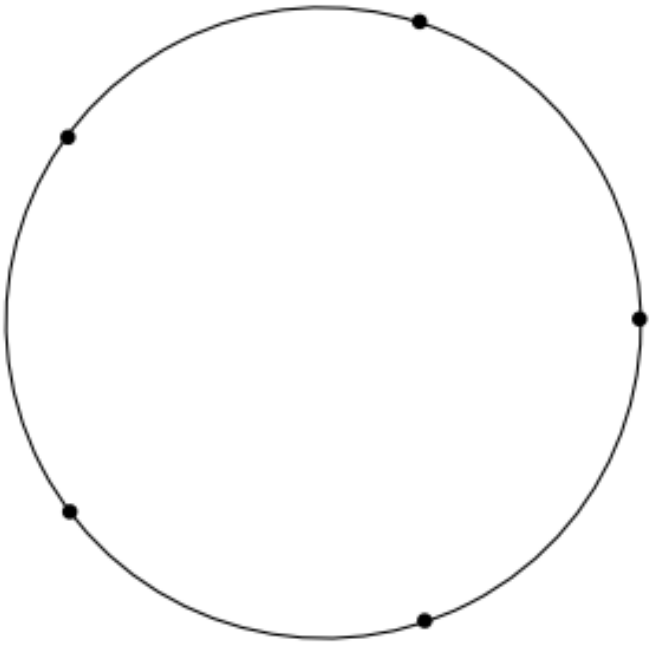
Enigme géométrique à résoudre

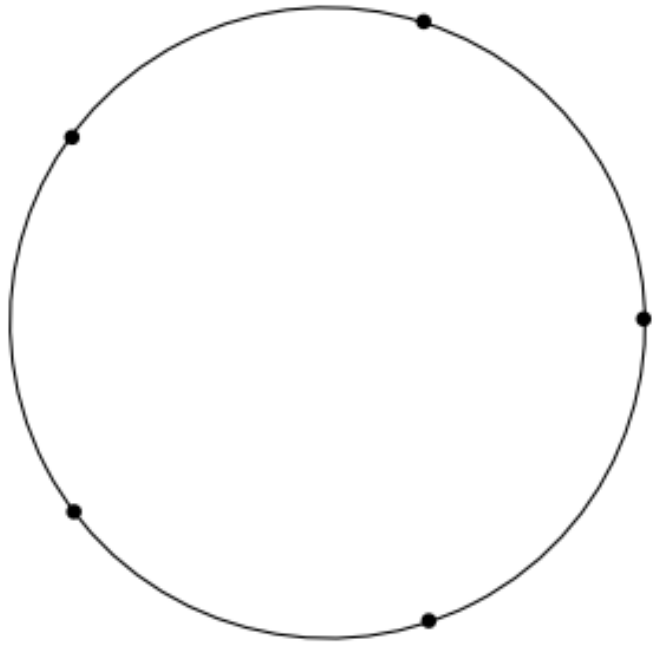
Combien de polygones différents peut-on tracer à l'intérieur de ce cercle . Les sommets des polygones sont placés sur les points du cercle ci-dessous.
Il peut y avoir plusieurs figures dans le même cercle.

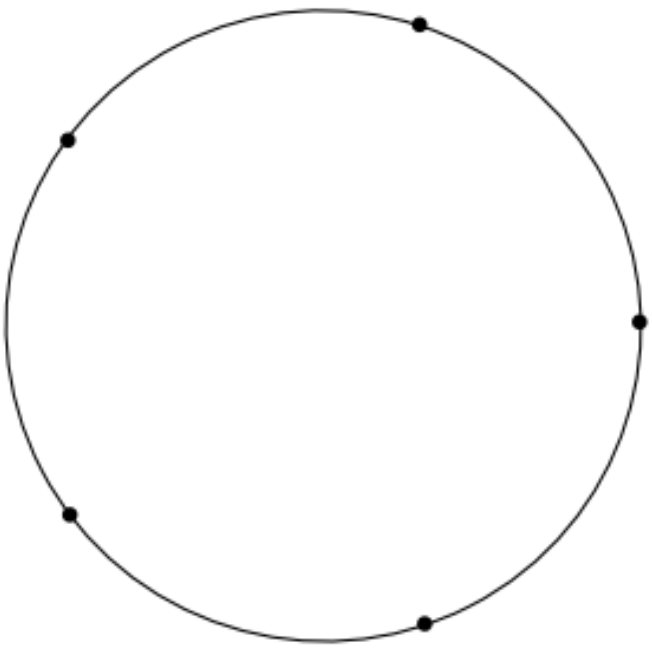


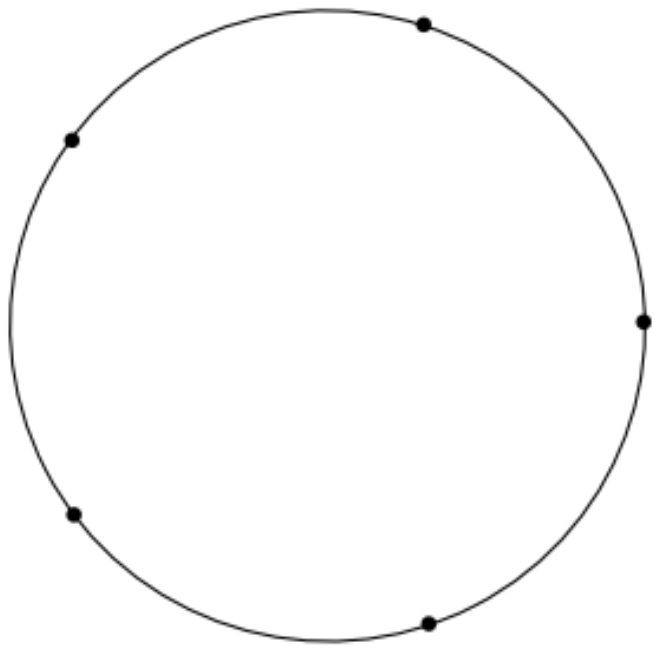




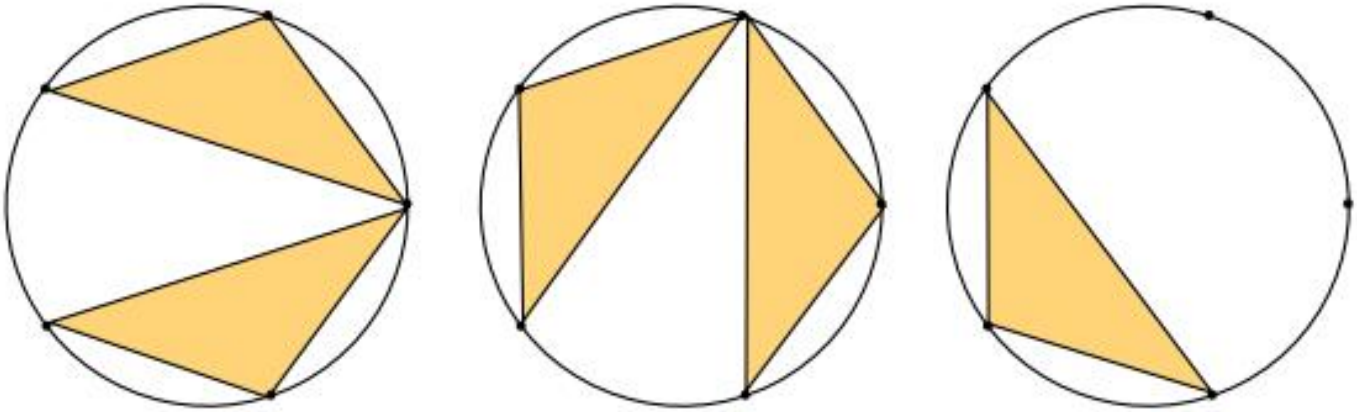




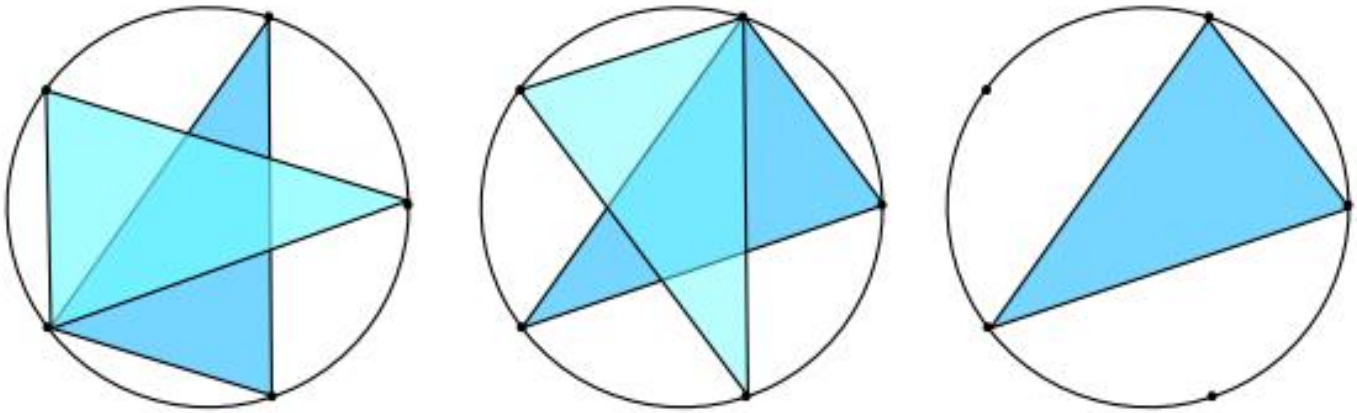




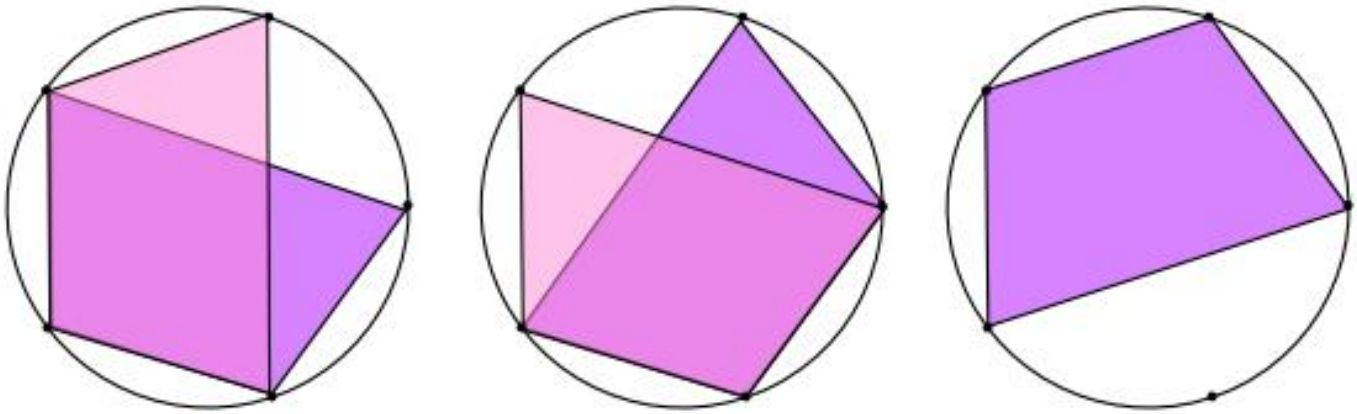
5 triangles isocèles à grande base



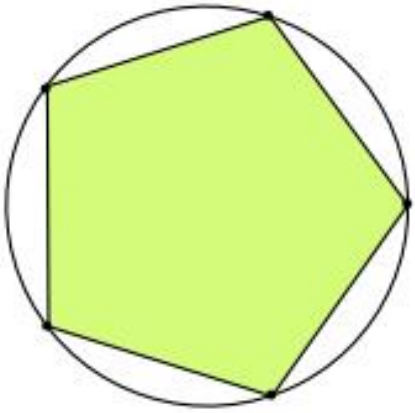
5 triangles isocèles à petite base



5 trapèzes



1 pentagone



Soit au total, 16 polygones « traçables » mais uniquement 4 polygones différents !