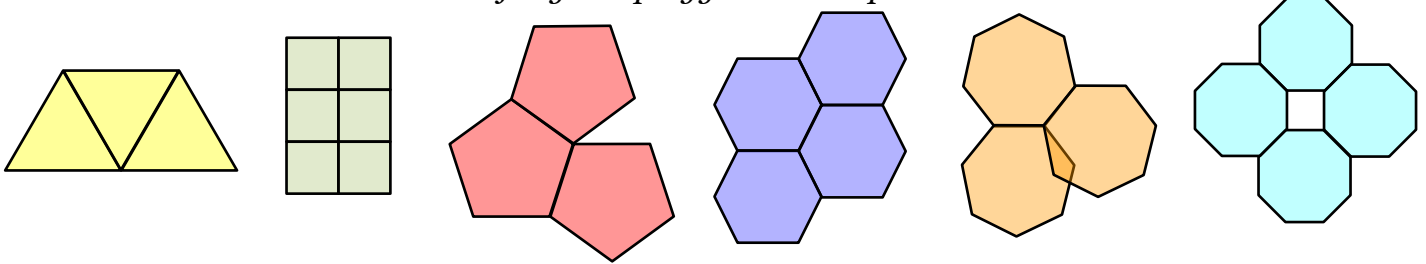


Regular Tessellations



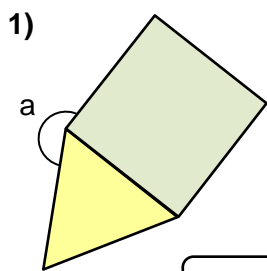
Section A: Use the illustrations of regular polygons to complete the table.



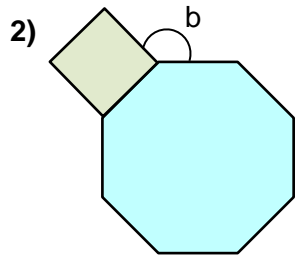
Regular Polygon	Size of each interior angle?	Does this polygon tessellate?
Equilateral triangle		
Square		
Regular Pentagon		
Regular Hexagon		
Regular Heptagon		
Regular Octagon		

Use the table to explain why only some regular polygons tessellate.

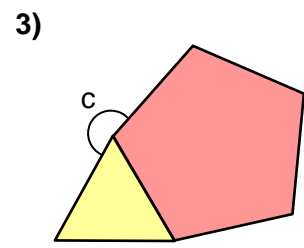
Section B: The following questions contain regular polygons. Work out the missing angles.



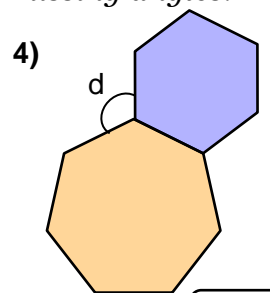
a =



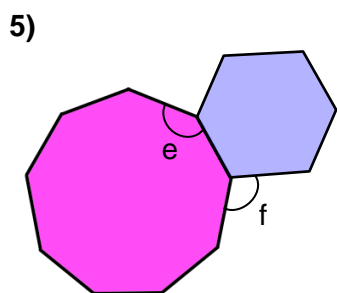
b =



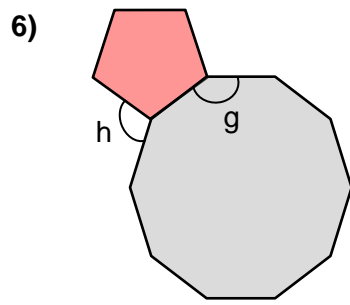
c =



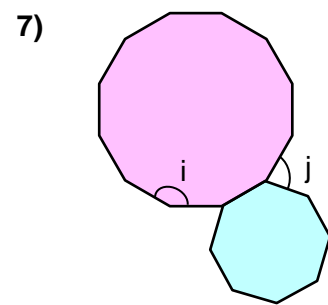
d =



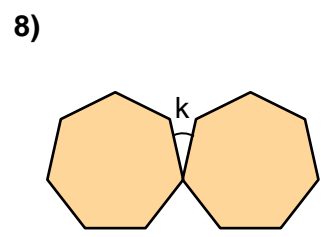
e =
f =



g =
h =



i =
j =



k =

Extension

Which questions above contain shapes that semi-tessellate?