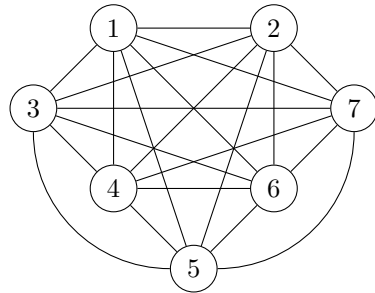


Challenge Problem: # 126

Eli Barela

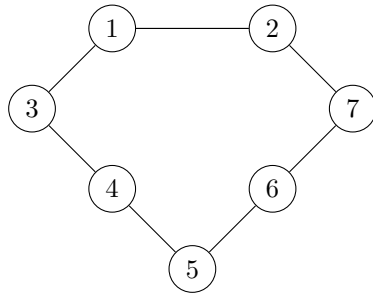
April 14, 2021

126.



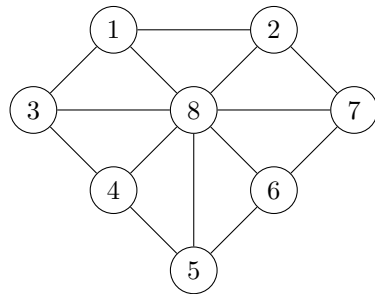
1.

There are 7 vertices and 21 edges.



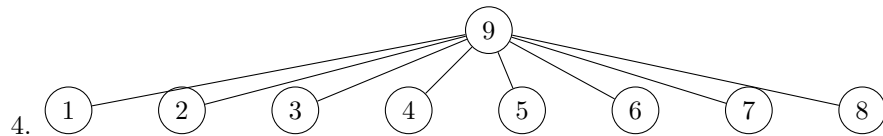
2.

There are 7 vertices and 7 edges.



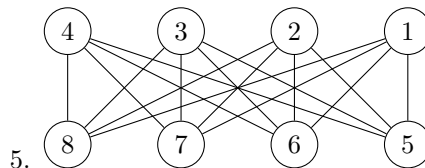
3.

There are 8 vertices and 14 edges.



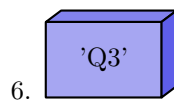
4.

There are 9 vertices and 8 edges.



5.

There are 8 vertices and 16 edges.



6.

For this one, the edges of the cube are all the vertices of Q_3 . As such, this graph has 8 vertices and 12 edges.