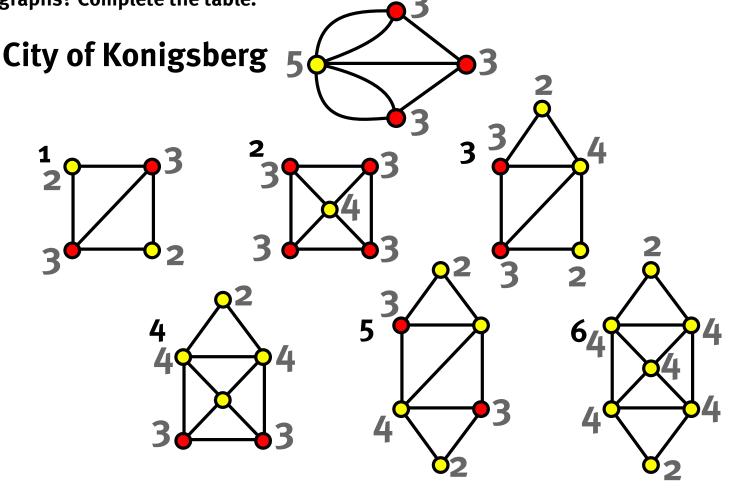
Odd & Even vertices



Masterclass network

Write next to each vertex how many lines meet there, and use two colours to mark if this is odd or even. How many odd and even vertices are there in each of these graphs? Complete the table.



Shape	City of Konigs- berg	1	2	3	4	5	6
Possible?	No	Yes	No	Yes	Yes	Yes	Yes
No. of odd vertices	4	2	4	2	2	2	0
No. of even vertices	0	2	1	3	4	4	7