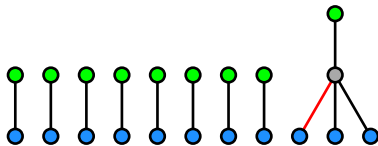


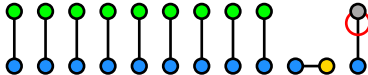
----- g,n: 3,9 graphs: 6 -----
 ----- Euler Characteristic (without resolving relations): $-1V_1^9 + 2V_1^8 \boxtimes V_1 + 1V_1^7 \boxtimes V_2$ -----
 ----- edges: 2 graphs: 2 -----
 ----- A3 case graphs: 1 -----

ID: 6 $V_1^8 \boxtimes V_1$
 \mapsto ID 17



----- B,Birr cases without weight 11 relations graphs: 1 -----

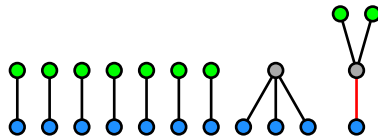
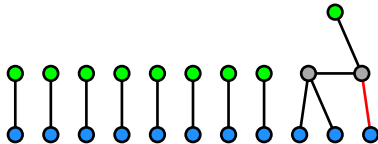
ID: 13 V_1^9



----- edges: 3 graphs: 4 -----
 ----- A2 case with weight 13 relations relation groups: 1 -----

ID: 16 $V_{1^8} \boxtimes V_1$

ID: 15 $V_{1^7} \boxtimes V_2$



----- B,Birr cases without weight 11 relations graphs: 2 -----

ID: 17 $V_1^8 \boxtimes V_1$
 \leftarrow ID 6

ID: 21 $V_1^8 \boxtimes V_1$

