

*****COMPLETE GRAPH-9*****

Edges of COMPLETE GRAPH-9:

(3, 6) (2, 9) (4, 8) (1, 8) (8, 9) (6, 8) (4, 7)
 (2, 7) (4, 9) (7, 9) (4, 5) (1, 5) (3, 4) (2, 6)
 (5, 6) (5, 7) (6, 9) (5, 9) (2, 4) (2, 8) (6, 7)
 (3, 7) (3, 9) (7, 8) (1, 4) (1, 6) (3, 8) (5, 8)
 (2, 5) (1, 9) (2, 3) (4, 6) (3, 5) (1, 2) (1, 3)
 (1, 7)

VERTICES = 9 EDGES = 36

Chromatic polynomial of COMPLETE GRAPH-9:

P(G, x) = 1 x*(x-1)^ 8
 -28 x*(x-1)^ 7
 322 x*(x-1)^ 6
 -1960 x*(x-1)^ 5
 6769 x*(x-1)^ 4
 -13132 x*(x-1)^ 3
 13068 x*(x-1)^ 2
 -5040 x*(x-1)^ 1