V = {1,3,4,2}
R = {1,3,5,6}
A = {1,4,5,6}

P = {2,3,4,6}

V = {1,4,3,2}
A = {1,4,5,6}

V = {1,3,4,2}
R = {1,3,5,6}

V = {2,3,4,1}
P = {2,3,4,6}

R = {1,5,6,3}
A = {1,5,6,4}

R = {3,6,1,5}
P = {3,6,2,4}

R = {1,3,5,6}
V = {1,3,4,2}

A = {1,4,5,6}
V = {1,4,3,2}

A = {1,5,6,4}
R = {1,5,6,3}

A = {4,6,1,5}
P = {4,6,2,3}

P = {2,3,4,6}
V = {2,3,4,1}

P = {3,6,2,4}
R = {3,6,1,5}

P = {4,6,2,3}
A = {4,6,1,5}

ARESTAS
V = {{2,4},{4,1},{1,3},{3,2}}
A = {{4,6},{6,5},{5,1},{1,4}}
R = {{1,5},{5,6},{6,3},{3,1}}
P = {{2,4},{4,6},{6,3},{3,2}}

As Arestas sempre dividem duas faces e fazem o par para fechar o ciclo.

VERMELHO → E_{24} = {P,V}, E_{41} = {A,V}, E_{13} = {R,V}, E_{32} = {P,V}
AMARELO → E_{46} = {P,A}, E_{65} = {R,A}, E_{51} = {R,A}, E_{14} = {V,A}
ROXO → E_{15} = {A,R}, E_{56} = {A,R}, E_{63} = {P,R}, E_{31} = {V,R}
PRETO → E_{24} = {P,V}, E_{46} = {P,A}, E_{63} = {P,R}, E_{32} = {P,V}

Combinando para visualizar FACES MAIORES(combinação delas)

V + A = {{2,4},{4,6},{6,5},{5,1},{1,3},{3,2}}
V + R = {{2,4},{4,1},{1,5},{5,6},{6,3},{3,2}}
V + P = {{2,4},{4,6},{6,3},{3,2}} → Aqui se perde 1

A + V = {{2,4},{4,6},{6,5},{5,1},{1,3},{3,2}}
A + R = {{3,1},{1,4},{4,6},{6,3}} → Ao consideramos faces maiores(uniao de mais de uma face se perde valor(es) da regiao original, nesse caso o 5)
A + P = {{2,4},{4,6},{6,3},{3,2}} → Aqui se perde 1

R + V = {{2,4},{4,1},{1,5},{5,6},{6,3},{3,2}}
R + A = {{3,1},{1,4},{4,6},{6,3}} → Aqui se perde 5
R + P = {{2,4},{4,6},{6,5},{5,1},{1,3},{3,2}}

P + V = {{2,4},{4,6},{6,3},{3,2}}
P + A = {{2,4},{4,6},{6,3},{3,2}}
P + R = {{2,4},{4,6},{6,5},{5,1},{1,3},{3,2}}

Ciclo que mantém a propriedade sem incluir valor dos vértices perdidos