

Pop Quiz (Week 2) Solution

1) **A)**

$$e = V - E + F = 5 - 8 + 5 = 2$$

B)

$$e = 2 - 2g \Rightarrow g = 0$$

C)

Same

2) **A)**

Vertices: A, B, C, D, E, F

Edges: AB, AC, AD, DC, ED, EC, CF, EF

B) Topology

C) Manifold With Boundaries