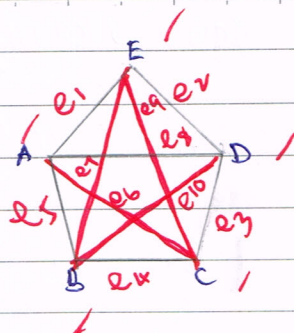


Worksheet 10

1)



Vertex, $V = \{A, B, C, D, E\}$

a) vertex & set is relationship between two point.

b) edges is the way that connect between the point Edge, $E = \{e_1, e_2, e_3, \dots, e_{10}\}$

c) Vertices = 5 ✓
edges = 6 10

a) a) Graph 1 and Graph 2 is not isomorphic because number of edges is not same.

b) Graph 4 and graph 5 ^{is} not isomorphic because the degrees of the vertices not same.

c) NO because ~~degree~~ the ^{order} ~~ordered~~ edges is not same.

1, 4, 4, 2, 3, 2
1, 5

edges not the same.
Graph 4 - 8 edges
Graph 5 - 9 edges

Graph 4 2, 5, 3, 2, 2, 2
Graph 5 3, 3, 3, 3, 2, 2

Attach your explanation

29/11/19