H

a 2X.34.59.67 / 19.26.45.78
b 0X.29.36.78 / 01.25.6X.89
c 03.16.24.79 / 02.57.38.69
d 02.X6.47.68 / 09.64.2X.71
e 05.37.X9.48 / 07.6X.65.18
f 4X.02.57.19 / 16.09.47.35
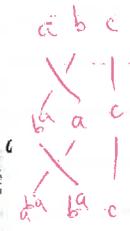
On Symmetry

(A) is not dual-symmetric ∴ must be on the mirror. So (C) must be dual-symmetric — this checks

<u>Aha!</u> we could have deduced this from the existence of the 2-sided faces!
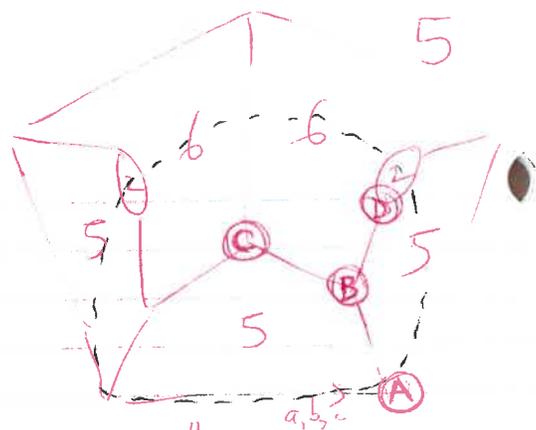
a b c d e f g h i
* 1 5 1 5 1 1 * 1 5 1   X
* 1 5 1 5 1 5 * 1 1 1   X

(A)

2X.34.67.59 / 19.26.45.78
02.X5.47.68 / 09.64.2X.71
03.16.24.79 / 02.57.38.69

* 5 5 5 * X

a b c d e f g h i
0 * 1 3 1 1 1 1 5 2 5
0 * 1 5 1 2 1 1 3 5 1

(B)

0 * 5 3 5 2
0 * 5 5 3 2

05.37.X9.48 / 07.6X.65.18
02.X5.47.68 / 09.64.2X.71
03.16.24.79 / 02.57.38.69

a b c d e f g h i
* 1 2 2 5 3 1 1 * 1 3 X
* 1 2 2 5 3 1 1 * 3 1 X

(C)

* 5 3 2 2 * 3 X

4X.02.57.19 / 16.09.47.35
02.X5.47.68 / 09.64.2X.71
03.16.24.79 / 02.57.38.69

A B a b c d e f g h i
2 1 * 1 3 1 1 5 2 1 1 2
2 1 * 1 1 5 1 1 2 3 1 2

(D)

2 * 5 3 2 2
2 * 5 2 3 2