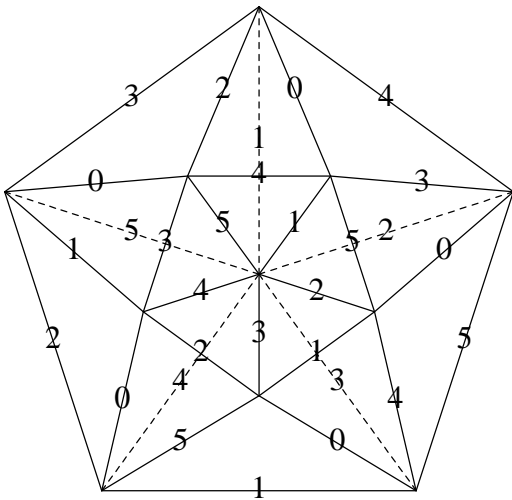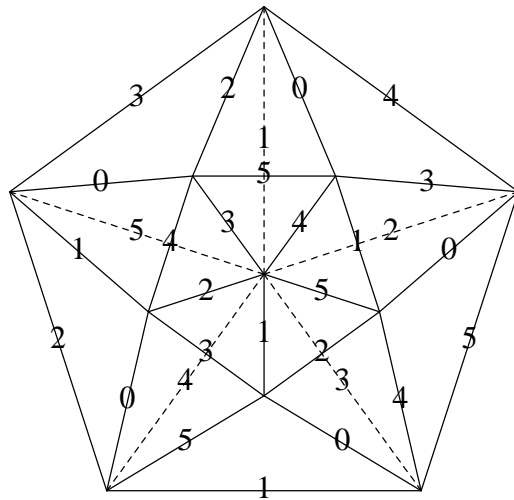# Rainbow icosahedra with 5-fold symmetry

In these schematic corner-on views, the outer 10 triangles represent an equatorial belt (an antiprism), on the lateral edges of which color 0 alternates with the remaining colors. In the actual solid, the two pentagons that bound the belt are the same size and delineate the ends of the antiprism.
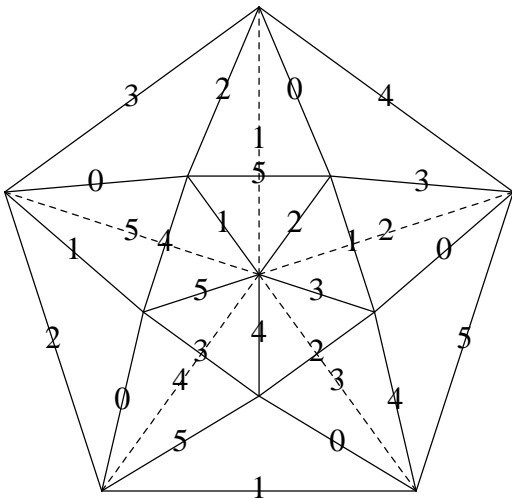
Simultanously rotating 72° clockwise and adding 1 to color labels 1-5 leaves these figures unchanged. Colorings (a) and (b) differ in two of the five concentric rings of edge labels 12345, (b) and (c) differ in one ring; (c) and (d) differ in two.
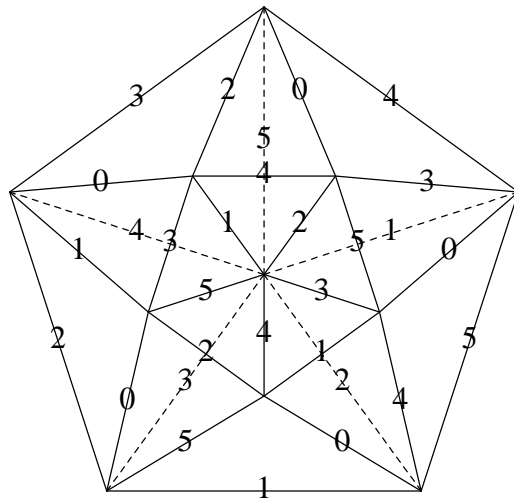

(a)

(b)

(c)

(d)