1. Let $R$ be the non-convex, seven-sided region as shown. For both (a) and (b), the triangle fan or strip should exactly cover the region $R$, with no degenerate triangles and all triangles front-facing under the default CCW convention. (Your answers should include repeated vertices if needed.)

(a) Give a variable order for the vertices that covers $R$ with a single triangle fan.

(b) Give a variable order for the vertices that covers $R$ with a single triangle strip.

2. A cube has vertices $v_0$ through $v_7$ as shown. Given an ordering of the vertices that renders the four side faces — but not the top or bottom faces — as a single triangle strip. The faces should all face outward from the cube. (Your answer should include repeated vertices if needed.)