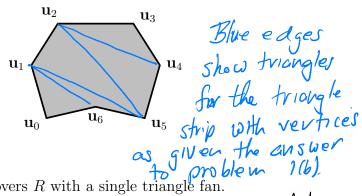
Answer Key (See also gradescope vubric.) PID:

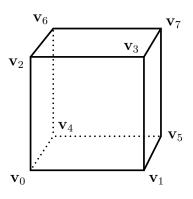
1. Let R be the non-convex, seven-sided region as shown. For both (a) and (b), the triangle fan or strip should exactly cover the region R, with no degenerate triangles and all triangles front-facing under the default CCW convention. (Your answers should include repeated

vertices if needed.)



(a) Give a variable order for the vertices that covers R with a single triangle factor R

2. A cube has vertices \mathbf{v}_0 through \mathbf{v}_7 as shown. Given an ordering of the vertices that renders 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.)



V2, V0, V3, V1, V7, V5, V6, V4, V2, V6. (Many other answers are possible.)

