From Erfle, Playing with Polygons, 11. Ribbons and Loops Challenge Question Name
Consider the image below. This can be created with two values of k , what are they? $k =$ or $k =$.
Account for the vertices by considering how they appear connected to one another via vertex loops of various kinds.
How many ribbons do you see? How many vertices wide are the ribbons? Do the ribbons have ende
or are they without ends? How many vertices are accounted for by ribbons?
How many loops with more than two vertices do you see that are NOT ribbons? (Is that "square looking"
quadrangle in the middle really a square?) How many vertices are accounted for by these loops?
How many are paired vertices? How many vertices are accounted for by these paired vertices?
How many identity vertices are in the image? Have you now accounted for all 32 vertices?
31 32 1 28 28 27 3 4 5 5 6 7 7 24 24 23 22 21 10 10