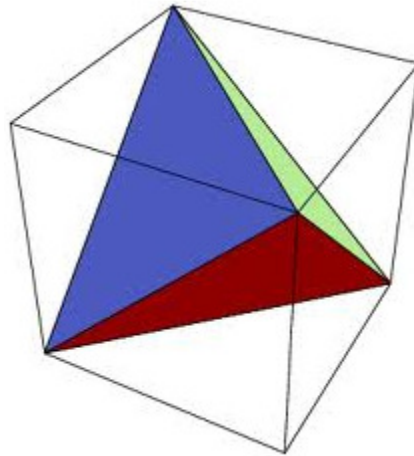
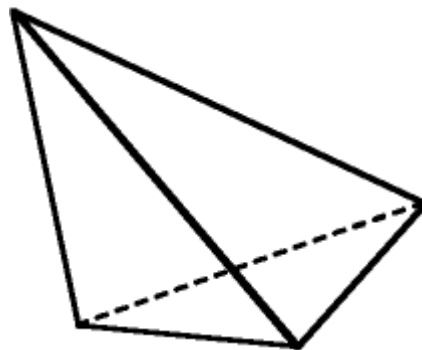


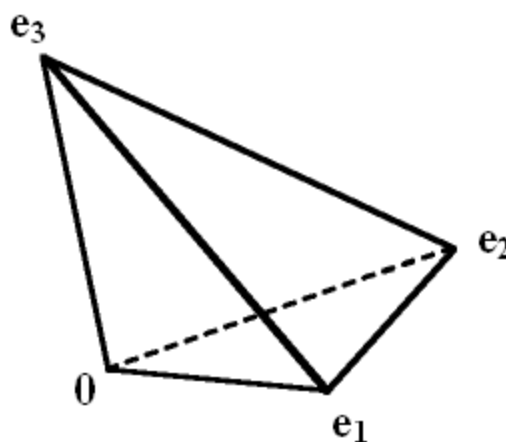
Pictures of 3 – dimensional simplices



http://mathworld.wolfram.com/images/eps-gif/TetrahedronCube_1000.gif



http://www.maa.org/mathland/mathtrek_07_28_03.html



In the language of elementary geometry, a 3 – simplex is a pyramid with a triangular base, which is also known as a ***tetrahedron***. One standard example of a 3 – simplex in coordinate 3 – space is the 3 – simplex whose vertices are the zero vector and the three standard unit vectors.