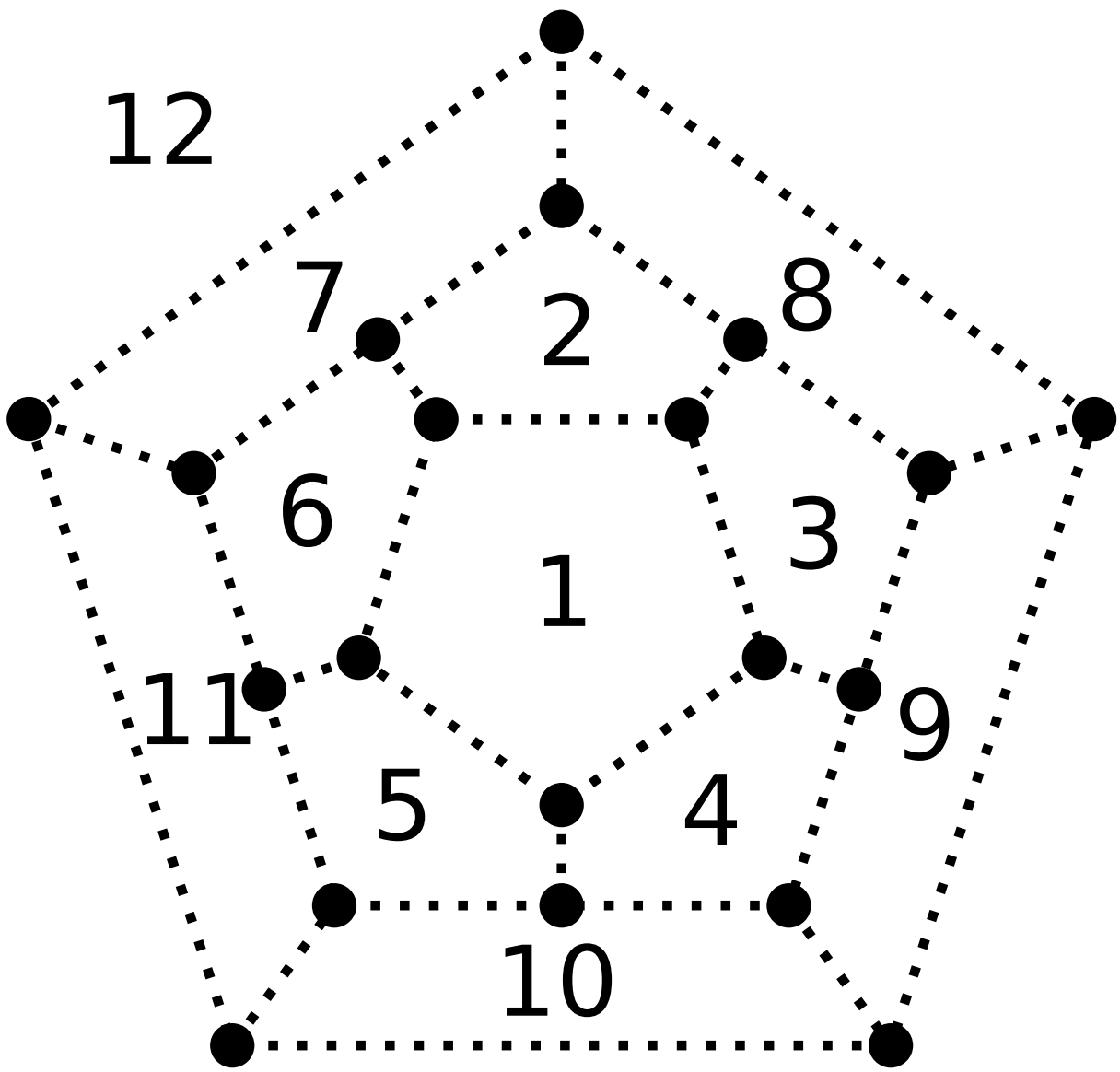Dodecahedron for the Golay code