1. Give parametric equations x(t), y(t), z(t) and bounds for t that produce a path from (7, 7, -4) to (5, 7, 1).

2. Give parametric equations x(t), y(t), z(t) and bounds for t that produce the portion of a unit circle centered at (0, 0, 2) in the plane $z = 2$ beginning at (1, 0, 2) and ending at (0, 1, 2).