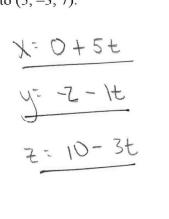
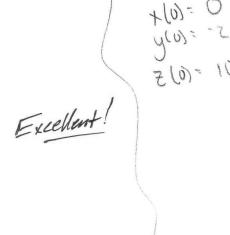
Each problem is worth 5 points. Clear and complete justification is required for full credit.

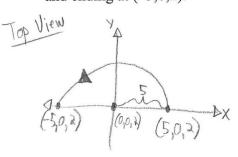
1. Give parametric equations x(t), y(t), z(t) and bounds for t that produce a path from (0, -2, 10) to (5, -3, 7).

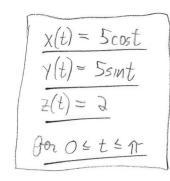




 $0 \le t \le 1$

2. Give parametric equations x(t), y(t), z(t) and bounds for t that produce the top half of a counterclockwise circle with radius 5 centered at (0,0,2) in the plane z=2 starting at (5,0,2) and ending at (-5,0,2).





Great

3D View (0,0,2) in the plane 2 2 3 (0,0,3)

Hope you enjoy the famy pictures!