$133x + 10y + 121z = 123$

(7) $P(10, 12, -13)$

$Q(-11, 13, 10)$

$R(9, -11, -10)$

$\vec{u}$ $\overrightarrow{PQ} = Q - P = (-11, 13, 10) - (10, 12, -13)$

$\overrightarrow{PQ} = (-11-10, 13-12, 10--13)$

$\overrightarrow{PQ} = (-21, 1, 23)$

$\vec{v}$ $\overrightarrow{PR} = R - P = (9, -11, -10) - (10, 12, -13)$

$\overrightarrow{PR} = (9-10, -11-12, -10--13)$

$\overrightarrow{PR} = (-1, -23, 3)$

$X = t(-21, 1, 23) + s(-1, -23, 3) + (10, 12, -13)$

$X = (x, y, z)$ $\vec{u} = (u_1, u_2, u_3)$

$\vec{v} = (v_1, v_2, v_3)$ $A = (a_1, a_2, a_3)$

$t, s \in R$

$x = tu_1 + sv_1 + a_1$

$y = tu_2 + sv_2 + a_2$

$z = tu_3 + sv_3 + a_3$