$Z = 0.25 \left(\frac{1.15z}{.65} \right) + 0.25z + 0.3 \left(\frac{1.15z}{.65} \right) + 0.4z$

y= 23
Plugged into
Wolfram Alpha

System of egn solver

Qb E[T,]= N,= | + P11 M, + P12 M2 + P12 M3

M2 = | + P2 M1 + P2 M2 + P3 M3

M3 = | + P3 M1 + P32 M2 + P33 M3

$$M_3 = 0$$
Solved w1 system of eqn solver
$$M_1 = \frac{35}{10} \text{ and } M_2 = \frac{25}{9}$$