$$\mu_X(n) = E[X(n)] = E[2Z(n) - 1] = 2\underbrace{E[Z(n)]}_{=0,7} - 1 = 0,4$$

$$\sigma_X^2(n) = Var(2Z(n) - 1) = 4\,Var(Z(n)) = 4 \times 0,7 \times 0,3 = 0,84$$

$$\mu_X(t) = E[At + B] = t\,E[A] + E[B] = \frac{1}{2}t + \frac{1}{2}$$

$$\sigma_X(t) = Var(At + B) = t^2\,Var(A) + Var(B) = t^2\frac{(2-0)^2}{12} + \frac{(2-0)^2}{12} = \frac{1}{3}t^2 + \frac{1}{3}$$