

(Q1) (0.5, 2.5)

(Q2) (a) (1.61, 0.8, 1.86) (b) (1.61, 3.82, 0.8976)

(Q3) 351

(Q4) $n^2 + n$

(Q5) (a) 115

(b) 115

(c) 1949

(d) 135

(e) 360

(Q6) (1.992, 2.999)

(Q7) (a) $x_1 = 0$, $x_2 = 1$, $x_3 = 2$

(b) 28

(c) $\frac{4n^3+9n^2-7n}{6}$