

if I didn't round] simplified

2)d) p(x) = p(x) + F[1234] (x-x,)(x-x2) (x-x2) $=\ln(1) + 0.69314(x-1) - 0.14384(x-1)(x-2)$ +0.02831(x-1)(x-2)(x-3) $P(1.5) = \ln(1) + 0.69314(1.5-1) = 0.14384(1.5-1)(1.5-2)$ = 0.38253 P3(1.5) = 0.38253 + 0.02831(1.5-1)(1.5-2)(1.5-3) = 0,39314625 error = P3(1.5) - P2(1.5) - 10.3931425_0.38253 = 0.01061625