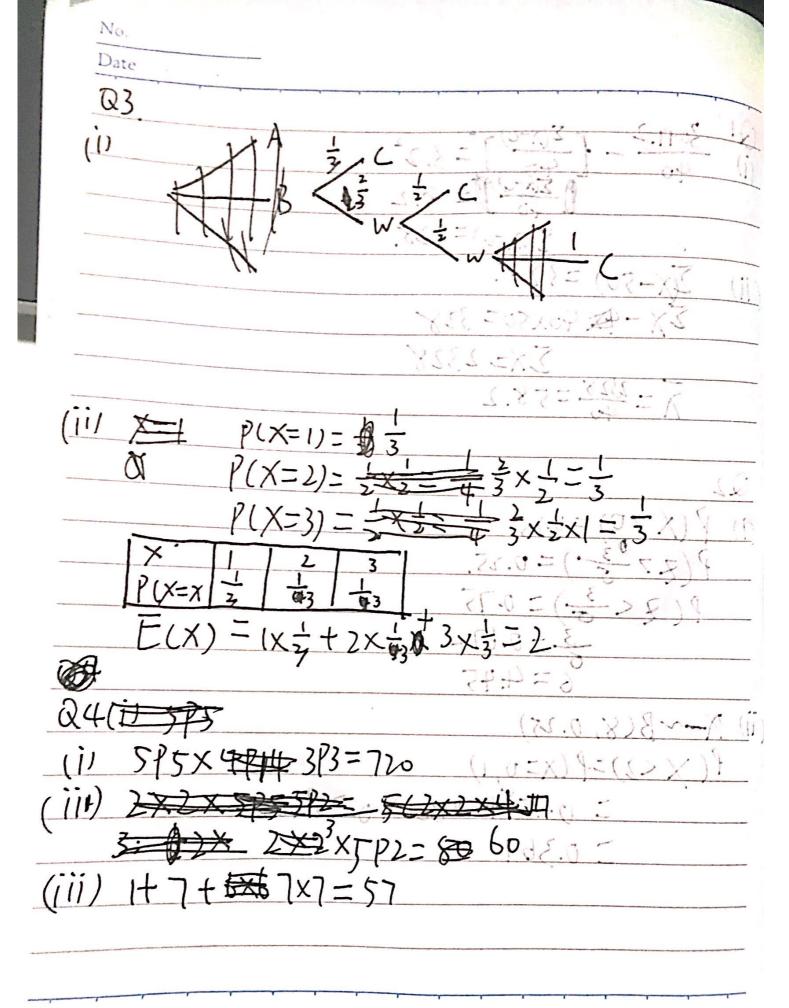
QI T(X-6)=328. Z(X-50) = 328. (ii) X-1840x50=328 IX= 2328 X = 2328 = 58.2 Q2 (ii) X-~B(8, 0.25) f(x < 2) = f(x = 0, 1)= 0.75 8+ .08CIX 0:75 X 0.25 0.3670 50 :397%



Q5. = 0.99. 号)軍<0.01 7-1711.36 1712.36 n="13 Qb. (ii) 28 (iii) 36 (iv) 5×16-15×34+ 二 36.55

\$X~B(6,0.35) P(X >3)=P(X=4,5,6) = 6 C4x 0.35 x 0.65 + 6 C5 x 0.35 x x 0.65 to.356 0.117 P(X=0) \$ 0.05. 0.65 h < 0.05 7 7 10.05 h76.95 -', N=7 iii / M=100×0.35×0=35 \$ 62= 35x0.65=22.75 X~N(35,22.75) P(X 739)=P(Z7 \$22.75 = P(Z > 0.9435) = (-P(Z < 0.9431) =1-0.8272 = 0.1728.

