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A1072700年董事性
              P 133 . P. 135. P. 136
               后的是,離散日
                          (2) x a B (10.0.5), P(x 26) = 1-P(x 65) = 1-0.623 = 0.377
                            (3) P(x44) = 0.377
     24. (1) P(X=0) = e-0.2.0.5° = e-0.5 = 0.6065
                           (5) b(X 51) = 1 - b(X = 0) = 1 - 6-0.2 = 0.3 d32
          |\vec{k}| = |\vec{k}| + |\vec{k}| = |\vec{k}| = |\vec{k}| + |\vec{k}| + |\vec{k}| = |\vec{k}| + |
社 (1) P(X=0) = \frac{e^{-3}3^{\circ}}{0!} = 0.0498 

(2) P(X=2) = \frac{e^{-3}3^{\circ}}{2!} = 0.224 \rightarrow P(X=2) = P(X \le 2) - P(X \le 1)
                                                                                                                                                                                                                               0.4232 - 0.1991 = 0.224
  39. P(x >8) = P(z > 8-5) = P(z > 0.86) = 1-0.8051 = 0.1949
                                                                                                                                                                                                                                                                                                                                         0. 8051
Lt
 P. 176
8. (1) P(\chi > 15) = P(\frac{\chi - 13.2}{5.3} > \frac{15 - 13.2}{5.3}) = P(\chi > 0.34) = 1 - P(\chi \leq 0.34)
               (2) \chi \sim N(13.2, 5.3^2) = \chi \sim N(13.2, \frac{5.3^2}{16}) = \frac{\chi - 13.2}{5.3} \sim N(0.1)
                                    P(\bar{x} > 15) = P(\frac{\bar{x} - 13.2}{\frac{5.3}{1.16}}) = P(\bar{x} > 1.34) = 1 - p(\bar{x} \leq 1.34)
                                                                                                                                                                                                                                                = 1-0.9131 =0.0869
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