= (56)(495) 03576 P(X=0 0.1768 " = 0.0314 P(X=3) = (0.4)(0.6) = 0-144 P(X=3) = 0.4(0.6) + 0.4(0.6) + 0.4(0.6) = 0.784

5) (5(1-0.001) = 2234.95

5) (1) (6) (04)3 (0.6)4 = 0.1244

11) (a)
$$(\frac{3}{2})^{\frac{1}{2}}$$
 (b) $(\frac{3}{2})^{\frac{1}{2}}$ = 0.33
(b) $(\frac{1}{3})^{\frac{1}{2}}$ (c) $(\frac{3}{4})^{\frac{1}{2}}$ (d) $(\frac{3}{4})^{\frac{1}{2}}$ (e) $(\frac{3}{4})^{\frac{1}{2}}$ (f) $(\frac{3}{4})^{\frac{1}{2}}$ (f)