Distribution problems quide 1. Define random variable: usually, read exactly what problem asks for and use that 2. Check Whether discrete ar continuous · `Number of" - discrete · Time elapsed, ar some other measurement: cantinuous 3. Choose appropriate model Vormal distribution P(1712K) = 2P(22K) = 2(1-P(Z= k)) $= 2 - 2P(2 \leq k)$ $P(|2| \leq k) = 1 - 2P(2 \leq k)$ $= 1 - 2(1 - p(z \in k))$ = 2P(2 = k) - 1