Mean = 48, Variance: 290.69(除以n-1)

$$X = N(48, 290.69)$$

$$Y = \frac{X - 48}{17} = N(0, 1)$$

根據 Chebyshev's Inequality

$$P(22.5 < X < 73.5) = P(-1.5 < Y < 1.5)$$
  
>  $1 - (1/1.5)^2 = 5/9$ 

Lower bound = 5/9