

1. Q

a) population mean : 72 bpm

Sample mean : 69 bpm

b) H_0 : Relaxation app reduces the average resting was greater/ equal to bpm less than

H_1 : Relaxation app was loss of bpm (Normal people
rate than Normal people)

$$c) d = 72 - 69 = 3$$

$$\text{Mean (Standard deviation)} = \frac{\sigma}{\sqrt{n}} = \frac{10}{\sqrt{64}} = 1.25$$

$$d) z = \frac{d}{s_e} = \frac{3}{1.25}$$



