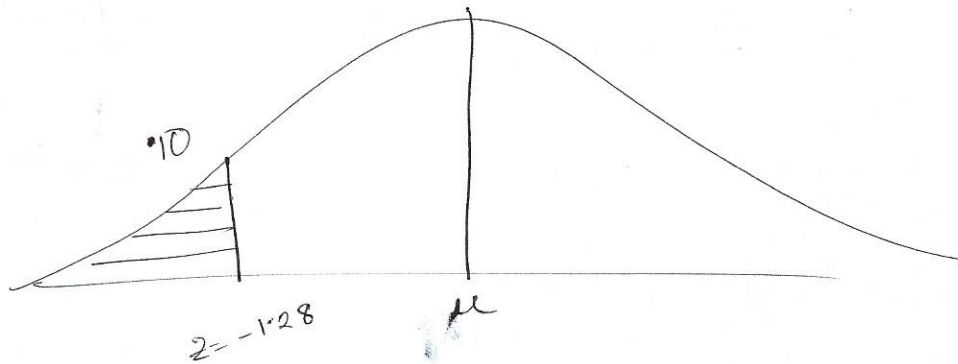


4.

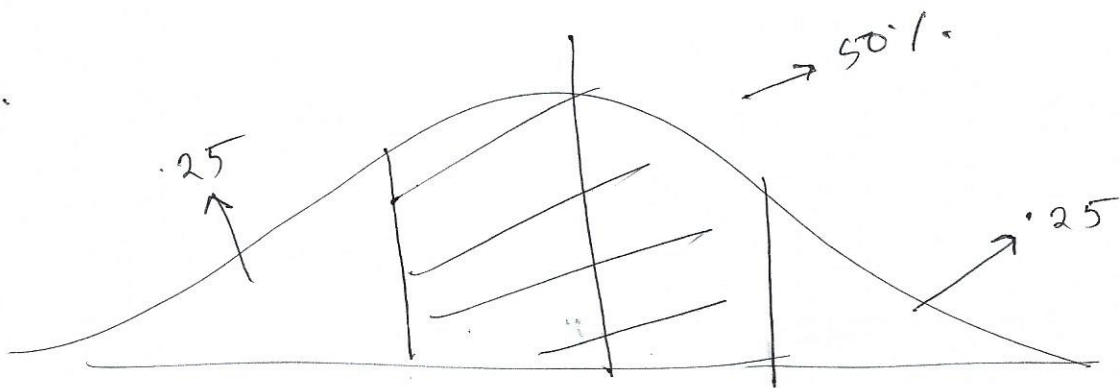


$$z = \frac{5 - 7.25}{1} = -2.25$$

$$z = -1.28 = \frac{x - 7.25}{1}$$

$$x = 5.97$$

7.



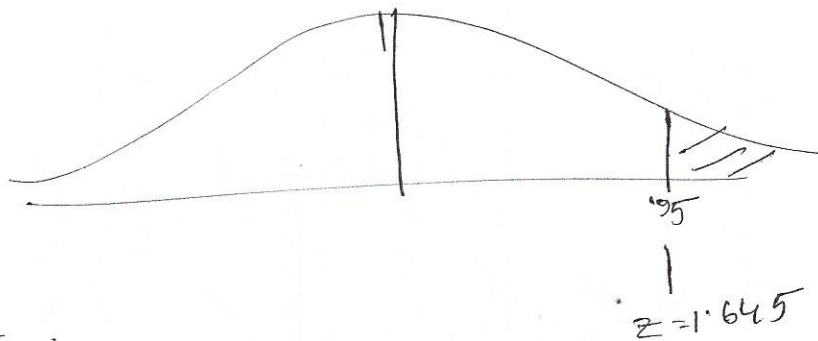
$$z = 0.675 = \frac{x - 7.25}{1}$$

$$x = 6.575$$

$$0.675 = \frac{x - 7.25}{1}$$

$$x = 7.925$$

$$4) \mu = 10$$
$$\sigma = 2$$



$$z = \frac{x - \mu}{\sigma}$$

$$1.64 = \frac{x - 10}{2}$$

$$3.28 = x - 10$$

$$x = ~~10~~ 13.28$$