

⊛ What is the value of 99 percentile?

{ 2, 2, 3, 4, 5, 5, 5, 6, 7, 8, 8, 8, 8, 8, 9, 9,  
10, 11, 11, 12 }

$$n = 20$$

$$\begin{aligned}\text{value index} &= \frac{99}{100} \times (20+1) \\ &= \frac{99 \times 21}{100} \\ &= 20.79\end{aligned}$$

Generally we have to take the average of value of index 20 & index 21

As index 21 does not exist

$$\begin{aligned}\text{value} &= \text{value of 20th index} \\ &= 12\end{aligned}$$