

Q. What is the value of the 99 percentile?

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

→ Here $n = 20$

$$\text{value} = \frac{\text{Percentile}}{100} \times (n+1)$$

$$= \frac{99}{100} \times (20+1)$$

$$= \frac{99 \times 21}{100}$$

$$= 20.79 \text{ Index}$$

For the 20.79 Index the value is 12.