

* Lets Solve Some Questions

Q. Calculate the Mode

10, 8, 6, 15, 18, 10, 12

→ Mode = 10 { Most Repeated }

Q. Calculate the mode for the following Dataset.

size	12	20	24	27
frequency	5	8	13	4

→ Highest frequency = 13, Mode = 24

Q. Calculate the Mode for the following Dataset.

Sales (laks)	58-60	60-62	62-64	64-66	66-68	68-70	70-72
no. of companies	12	18	25	<u>30</u>	10	3	2

→ Model Class = 64 - 66 { Highest frequency }

$$f_M = 30$$

$$f_1 = 25$$

$$f_2 = 10$$

$$\text{winig formula : } L + \left[\frac{f_M - f_1}{2f_M - f_1 - f_2} \right] \times h$$

$$\Rightarrow \underline{\underline{25.6}}$$