

Probability $\rightarrow \frac{\text{Part}}{\text{Total.}}$

* what fraction of
// ratio of
// proportion of
// percent of

Total.

* selected at random.

Total

Statistics:

1) Average \rightarrow (arithmetic mean)

$\frac{\text{Sum}}{\text{no.}}$

$\rightarrow 5, 7, 9, 3$ Find average?

$$= \frac{5+7+9+3}{4}$$

Table of Frequency:

what is the mean Score?

$$750 \times 10 + 740 \times 9 + 730 \times 8 + 720 \times 7$$

$$10 + 9 + 8 + 7$$

↓

students	Scores
10	750
9	740
8	730
7	720

Median:

Middle term after arrange?

5, 3, 1, 2, 4 → 1, 2, 3, 4, 5
5, 4, 3, 2, 1

Median = 3

7, 9, 11, 12

$$\text{Median} = \frac{9 + 11}{2} = 10$$

what is the median Score?

$$1) \text{ order} = \frac{\text{Total}}{2} = \frac{34}{2} = 17$$

$$\text{Median} = (740)$$

students	Scores
10	750
→ 9	→ (740)
8	730
7	720

$$\frac{33 + 1}{2} = 16.5$$

Mode:

→ Most repeated number

Range →

G-S