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Sec: 0

Roll	X	\bar{x}	$x - \bar{x}$	$ x - \bar{x} $	$(x - \bar{x})^2$
1	23	$\frac{324}{15}$ $= 21.6$	1.4	1.4	1.96
2	22		0.4	0.4	0.16
3	21		-0.6	0.6	0.36
4	22		0.4	0.4	0.16
5	21		-0.6	0.6	0.36
6	20		0.4	0.4	0.16
7	21		-0.6	0.6	0.36
8	21		-0.6	0.6	0.36
9	22		0.4	0.4	0.16
10	22		0.4	0.4	0.16
11	22		0.4	0.4	0.16
12	22		0.4	0.4	0.16
13	22		-0.6	0.6	0.36
14	22		0.4	0.4	0.16
15	22		0.4	0.4	0.16

Total = 324

2.2

7.6

$$\text{Mean deviation} = \frac{2.2}{15} = 0.1467$$

$$\therefore SD = \sigma = \sqrt{\text{variance}}$$

$$\text{variance} = \frac{7.6}{15} = 0.5067$$

$$= \sqrt{0.5067}$$

$$= 0.718$$

$$CV = \frac{0.718}{21.6} \times 100\% = 3.2954\%$$