

Setting Out

(n) is even

$$\begin{aligned} \text{Median} &= \frac{n+1}{2} \text{th score} \\ &= \frac{8+1}{2} \text{th score} = 4.5 \text{th score} \end{aligned}$$

$$\begin{aligned} &= \frac{5\text{th} + 6\text{th score}}{2} \\ &= \frac{6 + 7}{2} \\ &= 6.5 \end{aligned}$$

Use if necessary

(n) is odd

$$\begin{aligned} \text{Median} &= \frac{n+1}{2} \text{th score} \\ &= \frac{7+1}{2} \text{th score} = 4 \text{th score} \end{aligned}$$

$$\begin{aligned} &= \frac{\quad + \quad \text{score}}{\quad} \\ &= \frac{\quad + \quad}{\quad} \\ &= 7 \end{aligned}$$

Use if necessary

1. Frequency Distribution Table

Score (x)	f	fx
2	1	
4	2	
6	3	
8	2	
10	1	
<hr/>		
Total		

$$\text{Mean} = \frac{\Sigma}{\quad}$$

$$= \frac{\quad}{\quad}$$

$$=$$

$$\text{Median} = \frac{\quad}{\quad} \text{th score}$$

$$= \frac{\quad}{\quad} \text{th score} = \frac{\quad}{\quad} \text{th score}$$

$$\begin{aligned} &= \frac{\quad + \quad \text{score}}{\quad} \\ &= \frac{\quad + \quad}{\quad} \end{aligned}$$

Use if necessary

$$=$$

$$\text{Mode} =$$

$$\text{Range} = \quad - \quad$$

$$=$$

2. Frequency Distribution Table

Score (x)	f	fx
5	2	
7	4	
9	3	
11	1	

Total

$$\text{Mean} = \frac{\sum \text{fx}}{\sum f}$$

$$= \frac{\quad}{\quad}$$

$$=$$

$$\text{Median} = \frac{n+1}{2} \text{th score}$$

$$= \frac{\quad + 1}{2} \text{th score} = \quad \text{th score}$$

$$= \frac{\quad + \quad \text{score}}{\quad}$$

$$= \quad$$

Use if necessary

$$=$$

$$\text{Mode} =$$

$$\text{Range} = \quad - \quad$$

$$=$$