

QUESTION		
1. The following table shows the number of people who attended the concert on each day.		
Day	Monday	Tuesday
Number of people	120	150

QUESTION
Calculate the mean number of people who attended the concert.

SOLUTION
Mean = $\frac{\text{Total number of people}}{\text{Number of days}}$
Mean = $\frac{120 + 150}{2}$
Mean = $\frac{270}{2}$
Mean = 135

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WORKED EXAMPLE 1

The following table shows the number of people who attended the concert on each day.

Day	Monday	Tuesday	Wednesday	Thursday	Friday	Saturday	Sunday
Number of people	120	150	180	200	220	240	260

Calculate the mean.

SOLUTION
Mean = $\frac{\text{Total number of people}}{\text{Number of days}}$
Mean = $\frac{120 + 150 + 180 + 200 + 220 + 240 + 260}{7}$
Mean = $\frac{1570}{7}$
Mean = 224.29

WORKED EXAMPLE 2

The following table shows the number of people who attended the concert on each day.

Day	Monday	Tuesday	Wednesday	Thursday	Friday	Saturday	Sunday
Number of people	120	150	180	200	220	240	260