|  |  |  |  |  |  |  |  |
| --- | --- | --- | --- | --- | --- | --- | --- |
| **Number of Minutes** | | | | | | | |
| Week 1 | 25 | 20 | 15 | 30 | 45 | 10 | 30 |
| Week 2 | 35 | 45 | 60 | 25 | 20 | 15 | 10 |

|  |  |  |  |  |  |  |  |
| --- | --- | --- | --- | --- | --- | --- | --- |
| **Number of Canned Goods Collected** | | | | | | | |
| Room 101 | 57 | 52 | 40 | 42 | 37 | 54 | 47 |
| Room 102 | 51 | 17 | 42 | 40 | 46 | 74 | 31 |

**Find the mean absolute deviation for each set of data. Round to the nearest hundredth if necessary. Then describe what the mean absolute deviation represents.**

**1. 2.**

**3.** The table shows the number of minutes Sherry  
exercised each day for two weeks. Find the mean  
absolute deviation for each set of data. Round to   
the nearest hundredth if necessary. Then write a  
few sentences comparing their variation.

**4.** The table shows the number of canned goods   
each homeroom collected in a one-week period.  
 Find the mean absolute deviation for each set of   
data. Round to the nearest hundredth if necessary.   
Then write a few sentences comparing their variation.

|  |  |  |  |
| --- | --- | --- | --- |
| **Calories per Serving** | | | |
| 47 | 35 | 46 | 56 |
| 40 | 42 | 52 | 30 |

|  |  |  |  |  |
| --- | --- | --- | --- | --- |
| **Number of Computer Games Sold** | | | | |
| 75 | 89 | 80 | 145 | 85 |
| 80 | 92 | 104 | 90 | 100 |