

Quiz: Percentiles and Quartiles

The snowfall amounts in a city (in mm) for a period of 16 days were: 2, 4, 5, 5, 6, 7, 8, 8, 10, 11, 13, 16, 17, 18, 20, and 21.														
1	Complete the table.													
		<table border="1"> <thead> <tr> <th>Snowfall Interval</th> <th>Frequency</th> </tr> </thead> <tbody> <tr> <td>1-4</td> <td></td> </tr> <tr> <td>5-9</td> <td></td> </tr> <tr> <td>10-14</td> <td></td> </tr> <tr> <td>15-19</td> <td></td> </tr> <tr> <td>20-24</td> <td></td> </tr> </tbody> </table>	Snowfall Interval	Frequency	1-4		5-9		10-14		15-19		20-24	
	Snowfall Interval	Frequency												
	1-4													
	5-9													
	10-14													
	15-19													
20-24														
2	Which interval contains the median?													
3	Which interval contains the third (upper) quartile?													
4	Which interval contains the first (lower) quartile?													
5	What percent of the months have snowfall of at least 10 mm?													
6	Find the percentile rank for a snowfall of 13 mm?													
7	Find the percentile rank for a snowfall of 8 mm?													
8	Find the percentile rank for a snowfall of 20 mm?													
9	Find the percentile rank for a snowfall of 16 mm?													
10	What percent of the months have snowfall of less than 11 mm?													

Circle # Correct	0	1	2	3	4	5	6	7	8	9	10
Percentage Score	0%	10%	20%	30%	40%	50%	60%	70%	80%	90%	100%