

**Bringing Mathematics Home 6**

Movie theater attendance: The table below shows the daily attendance at two movie theaters for 5 days and the mean and median attendance.

Day Number	Theater A	Theater B
1	100	72
2	87	97
3	90	70
4	10	71
5	91	100
<b>Mean</b>	<b>75.6</b>	<b>82</b>
<b>Median</b>	<b>90</b>	<b>72</b>

- a) *You are in charge of stocking the drink counter and want to anticipate how many people you can expect to come to the movies. Which statistic, the mean or the median, would you use to describe the typical daily attendance at Theater A? Justify your answer.*
- b) *Which statistic, the mean or the median, would you use to describe the typical daily attendance at Theater B? Justify your answer.*