

# 15—The Rainy Week

<sup>1</sup>It had not rained at all during the spring. <sup>2</sup>Now that school was out, it just kept raining and raining! <sup>3</sup>One weather station reported that it would rain every day for the next seven days. <sup>4</sup>It also said that cities closer to the ocean would get more rain than cities that were farther away from the ocean. <sup>5</sup>Many people were afraid of flooding. <sup>6</sup>People who

lived in City A were told that flooding would not happen unless it rained more than 6 inches. <sup>7</sup>People in City B were told that flooding would happen if and only if it rained more than 8 inches.

<sup>8</sup>A week later the same weather station reported the rainfalls (in inches) of these two nearby cities.

	City A	City B
Monday 7/1	2	4
Tuesday 7/2	1	$1\frac{1}{4}$
Wednesday 7/3	0	$1\frac{1}{2}$
Thursday 7/4	$\frac{1}{4}$	0
Friday 7/5	0	$1\frac{3}{4}$
Saturday 7/6	$\frac{1}{8}$	1
Sunday 7/7	$\frac{1}{4}$	$\frac{1}{4}$
From: <i>The Manatee Journal</i> July 8, 2002		

## Questions

1. Give the total rainfall amounts for both City A and City B for the week. Show your work.

**City A**

**City B**

2. What data on the chart does not agree with the weather station's prediction? Use complete sentences to explain your thinking.

---



---