Name \_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_

**Weather Trends**

Using the weather data found at [www.weatherbug.com](http://www.weatherbug.com), answer the following questions.

1. Go to [www.weatherbug.com](http://www.weatherbug.com)
2. Click on Forecast and then Daily
3. Over a one-week period (the next 7 days), find out the fraction of days with the type of weather listed in the table.



 Use the example above to help you...

|  |  |  |
| --- | --- | --- |
| Type of weather **(day)** | Fraction of days for one week | # of days that correspond to a two week period |
| Sunny |  |  |
| Mostly Sunny |  |  |
| Partly Sunny |  |  |
| Rain showers |  |  |
| Mostly cloudy |  |  |
| Partly cloudy |  |  |

Complete the table for the night time weather.

|  |  |  |
| --- | --- | --- |
| Type of weather **(night)** | Fraction of days for one week (7 days) | # of days that correspond to a two week period |
| clear |  |  |
| Mostly clear |  |  |
| Mostly cloudy |  |  |
| Partly cloudy |  |  |
| Rain showers |  |  |
| Cloudy |  |  |

Now click on the hourly weather for today’s date and complete the table below.

|  |  |  |
| --- | --- | --- |
| Type of weather | Fraction of hours in the day with this weather | # of hours that correspond to two days (48 hours) |
| Sunny |  |  |
| Mostly sunny |  |  |
| Clear |  |  |
| Mostly clear |  |  |
| Cloudy |  |  |
| Mostly cloudy |  |  |
| Rain showers |  |  |

\*\*Write and solve a fraction multiplication word problem using your weather data.