newcopyright1Name Date

***Electromagnetic Waves***

**End-of-Chapter Practice**

**Directions:** *Work independently to write an essay comparing and contrasting two electromagnetic waves.*

Use the chart to identify the electromagnetic waves that you would like to compare and  
contrast. Then list the properties and uses of each type of electromagnetic wave.

|  |  |
| --- | --- |
| **Type of Electromagnetic Wave** | **Properties and Uses** |
|  |  |
|  |  |

In your chart, circle the similarities shared by the two types of wave. Then underline the  
differences between the two electromagnetic waves.

Use your chart to write your essay on a separate sheet of paper. Your essay should include  
an introduction, the characteristics and uses of the first electromagnetic wave, the  
characteristics and uses of the second electromagnetic wave, the similarities shared by the  
electromagnetic waves, the differences between the electromagnetic waves, and a  
conclusion.

Reread your essay. Make sure you addressed each part of the writing prompt, expressed your  
ideas clearly and precisely, and used correct spelling and grammar.