

## USING CORRECT UNITS

Name \_\_\_\_\_

For each of the following commonly used measurements, indicate its symbol. Use the symbols to complete the following.

|                  |                   |                 |                  |
|------------------|-------------------|-----------------|------------------|
| _____ milliliter | _____ milligram   | _____ liter     | _____ centimeter |
| _____ kilogram   | _____ millimeter  | _____ kilometer | _____ gram       |
| _____ meter      | _____ millisecond | _____ microgram | _____ nanometer  |

1. Colas may be purchased in two or three \_\_\_\_\_ bottles.
2. The mass of bowling ball is 7.25 \_\_\_\_\_.
3. The length of the common housefly is about 1 \_\_\_\_\_.
4. The mass of a paper clip is about 1 \_\_\_\_\_.
5. One teaspoon of cough syrup has a volume of 5 \_\_\_\_\_.
6. The speed limit on the highway is usually 106.6 \_\_\_\_\_ /h or 29 \_\_\_\_\_ /s.
7. The length of the small intestine in man is about 6.25 \_\_\_\_\_.
8. Viruses such as AIDS, polio and flu range in length from 17 to 1000 \_\_\_\_\_.
9. Adults require 1,000 \_\_\_\_\_ of calcium to meet the U.S. RDA.
10. In a vacuum, light can travel 300 km in 1 \_\_\_\_\_.
11. The mass of a proton is  $1.67 \times 10^{-18}$  \_\_\_\_\_.
12. Blue light has a wavelength of about 500 \_\_\_\_\_.
13. One mole of oxygen gas at STP occupies 22.4 \_\_\_\_\_.
14. Myoglobin, a protein that stores oxygen, has a mass of  $2.98 \times 10^{-16}$  \_\_\_\_\_.
15. Buttery popcorn contained in a large 1 \_\_\_\_\_ bowl has a mass of about 50 \_\_\_\_\_ of fat and about 650 calories.
16. The dying comet fragments that continued to batter Jupiter travel at speeds of about 58,117 \_\_\_\_\_ / \_\_\_\_\_ or 130,000 miles per hour.
17. The human heart has a mass of about 1.05 \_\_\_\_\_.
18. Stand with your arms raised out to your side. The distance from your nose to your outstretched middle finger is about 1 \_\_\_\_\_.
19. The body mass of a flea is about 0.5 \_\_\_\_\_ and it can jump about 20 \_\_\_\_\_ high.
20. On a statistical basis, smoking a single cigarette lowers your life expectancy by 642,000 \_\_\_\_\_ or 10.7 minutes.

# Using Correct Units Answer Key

**M Lipman**

A red circular graphic with a gradient, appearing as a semi-circle or a partial circle, located to the right of the author's name.

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