







10. What conversion factor would you use to convert the following:

- a. years to days \_\_\_\_\_
- b. milligrams to grams \_\_\_\_\_
- c. minutes to hours \_\_\_\_\_
- d. grams to kilograms \_\_\_\_\_
- e. centimeters to meters \_\_\_\_\_

11. Solve the following problems and record your answers to the correct number of significant digits:

- a.  $0.405\text{ m} + 1.77\text{ m}$  \_\_\_\_\_
- b.  $8.24\text{ cm} \times 0.024\text{ cm}$  \_\_\_\_\_
- c.  $47.00\text{ g} / 2.0048\text{ cm}^3$  \_\_\_\_\_
- d.  $297\text{ m} \times 40\text{ m}$  \_\_\_\_\_