

Name: \_\_\_\_\_ Period: \_\_\_\_\_ Score: \_\_\_\_\_

## Chapter 5

5.6 Title: \_\_\_\_\_

1. What is a conversion factor?
2. What is an equivalence statement?
3. Following the pattern shown in the text, write the two possible conversion factors for the following equivalence statement:  $1 \text{ m} = 3.28 \text{ ft}$
4. Conversion factors are \_\_\_\_\_ of the two parts of the \_\_\_\_\_ that relates the two units.
5. We choose the conversion factor that \_\_\_\_\_ the units we want to discard.
6. What is dimensional analysis?
7. Write the steps for converting from one unit to another (see p. 132, mustard color)
8. Complete self-check exercise 5.4 (p. 133)
9. Complete self-check exercise 5.5 (p. 134)

