Name_____ **Lesson 11.1**

Round Decimals

You can use the same rules you learned for rounding whole numbers to round decimals.

Step 1: Underline the digit to the place to which you want to round.

Underline: 0.8̲07

↑
tenths place

Step 2: Compare the digit to the *right* of the underlined digit to 5 using the rounding rules.

Compare: $0 < 5$
0 is less than 5, so the **digit stays the same.**

Step 3: Rewrite all digits to the right of the underlined digit as zeros. An equivalent decimal can be written by leaving off the trailing zeros.

Rewrite: 0.800 or 0.8

ROUNDING RULES:
- If the digit to the right is less than 5, the underlined digit stays the same.
- If the digit to the right is greater than or equal to 5, the underlined digit increases by 1.

Round each number to the place of the underlined digit.

1. 7.3̲25 _____

2. 9.02̲8 _____

3. 108.10̲8 _____

4. 2̲6.199 _____

5. 12.6̲3 _____

6. 11.32̲3 _____

7. 4̲.289 _____

8. 7.54̲7 _____

9. 0.96̲4 _____

10. 20.59̲5 _____

11. 6.8̲9 _____

12. 3̲2.514 _____

Name the place to which each number was rounded.

13. 12.35 to 12.4 _____

14. 0.428 to 0.43 _____

15. 9.462 to 9.46 _____