DAY 2
SNOWSMART

Name _____ LESSON 3.2

Round Decimals

The same rules you learned for rounding whole numbers can be used to round decimals.

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

Step 2: Compare the digit at the right of the underlined digit to 5.
Round Down: If the digit at the right is less than 5, the underlined digit stays the same.
Round Up: If the digit at the right is 5 or greater, increase the underlined digit by 1.

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

A. Round 5.643 to the nearest hundredth.	B. Round 0.8287 to the nearest thousandth.
Underline. 5.6<u>4</u>3	Underline. 0.82<u>8</u>7
Compare. $3 < 5$ Round <u>down</u>.	Compare. $7 > 5$ Round <u>up</u>.
Rewrite. 5.640 or 5.64	Rewrite. 0.8290 or 0.829

1. Round 4.**1**872 to the place of the **bold-faced** digit.

   Underline. 4.**1**872

   Compare. ___ ◯ 5 Round _____.

   Rewrite. _____

2. Round 82.64751 to the nearest thousandth.

   Underline. 82.6475

   Compare. ___ ◯ 5 Round _____.

   Rewrite. _____

Round each number to the place of the **bold-faced** digit.

3. 7.**3**25 _____
4. 9.0**2**87 _____
5. 108.1**0**8 _____
6. **2**6.3199 _____

Round 12.8405 to the place named.

7. hundredths _____
8. ones _____
9. tenths _____
10. thousandths _____

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Name _____ LESSON 3.2

Round Decimals

Round each number to the place of the **bold-faced** digit.

1. 3.276 _____
2. 12.63 _____
3. 0.4870 _____
4. 15.3847 _____
5. 8.69 _____
6. 20.5956 _____
7. 11.323 _____
8. 7.909 _____
9. 4.289 _____
10. 7.5475 _____

Round 4.5227 to the place named.

11. tenths _____
12. thousandths _____
13. hundredths _____
14. ones _____

Name the place to which each number was rounded.

15. 12.35 to 12.4 _____
16. 0.4288 to 0.429 _____
17. 9.462 to 9.46 _____
18. 5.099 to 5 _____
19. 4.683 to 4.68 _____
20. 6.2938 to 6.294 _____

Mixed Review

21. 8×6
22. 9×4
23. 7×3
24. 6×6
25. 9×7

26. Write 7.005 in word form. _____

27. Write an equivalent decimal for 6.0250. _____

28. Order 2.37, 2.73, 2.46, and 2.64 from least to greatest. _____

29. 1,245 − 224 _____

30. 2×5
31. 8×8
32. 3×6
33. 9×5
34. 6×7

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