



Name \_\_\_\_\_ Date \_\_\_\_\_

## Practice

### Comparing and Ordering Decimals

*Circle the greater number in each group.*

- |                      |                      |                       |
|----------------------|----------------------|-----------------------|
| 1. 6.23 or 6.32      | 2. 4.58 or 4.5       | 3. 7.09 or 7.1        |
| 4. 0.347 or 0.437    | 5. 0.92 or 0.095     | 6. 15.6 or 1.506      |
| 7. 28.003 or 28.03   | 8. 1.406 or 1.064    | 9. 19.08 or 19.079    |
| 10. 0.0705 or 0.075  | 11. 32.61 or 3.621   | 12. 40.0598 or 40.589 |
| 13. 93.045 or 93.054 | 14. 21.967 or 2.1968 | 15. 87.0024 or 87.003 |
| 16. 0.849 or 0.0851  | 17. 6.2709 or 6.2907 | 18. 5.862 or 52.68    |

*Order each set of decimals from least to greatest.*

- |                                          |                                        |                                              |
|------------------------------------------|----------------------------------------|----------------------------------------------|
| 19. 1.25<br>1.52<br>1.02<br>1.50         | 20. 18.7<br>19.06<br>17.9<br>18.08     | 21. 308.629<br>380.269<br>308.962<br>308.296 |
| 22. 0.0475<br>0.5074<br>0.0547<br>0.4057 | 23. 67.39<br>68.004<br>67.039<br>67.04 | 24. 432.95<br>234.96<br>342.95<br>243.97     |

*Order each set of decimals from greatest to least.*

- |                                            |                                               |                                                     |
|--------------------------------------------|-----------------------------------------------|-----------------------------------------------------|
| 25. 0.60<br>0.006<br>0.59<br>0.059<br>0.95 | 26. 72.052<br>71.98<br>73.7<br>71.89<br>72.46 | 27. 290.41<br>289.4<br>295.014<br>289.14<br>295.104 |
|--------------------------------------------|-----------------------------------------------|-----------------------------------------------------|

# Decimals: Rounding

Round each decimal to the underlined place-value position. Study the examples.

13.653 → 13.65  
(Drop the 3.)

6.79 → 7  
(Drop the .79.)

Look to the right of the 5. If that number is 5 or greater, round up. If not, keep the number the same. Remember to drop all numbers past the rounded number.

1. 141.367

2. 39.987

3. 15.315

4. 4.2974

5. 0.085

6. 27.791

7. 546.081

8. 3.206

9. 13.076

10. 443.788

11. 4.098

12. 607.83

13. 16.6538

14. 67.26

15. 5.568

16. 2.761

17. 5.509

18. 6.2945

19. 21.04

20. 99.38

21. 635.6815

22. 59.59

23. 17.891

24. 53.57



Think About It!

25. It takes the moon an average of 27.32167 days to revolve around the earth. Is the length of time closer to 27 or 28 days?