

Lesson 1.5 Introducing Significant Digits

List the significant digits for each number. Then count the number of significant digits.

1. 26,701 _____

2. 70.0311 _____

3. -10.9 _____

4. 0.680 _____

5. 0.00052 _____

6. -0.0007 _____

Round each integer to the given number of significant digits.

7. 4,999 (to 1 significant digit) _____

8. 46,900 (to 2 significant digits) _____

9. 6,391,067 (to 3 significant digits) _____

10. 32,010,067 (to 5 significant digits) _____

Round each decimal to the given number of significant digits.

11. 0.0871 (to 1 significant digit) _____

12. -4.602 (to 2 significant digits) _____

13. -1.995 (to 3 significant digits) _____

14. -0.0098473 (to 3 significant digits) _____

15. 2.17098 (to 4 significant digits) _____

16. 761.1060 (to 5 significant digits) _____