Codingal

Understanding Zeros in Decimals Worksheet

Name: _____
Date: _____

Part 1: Fill in the Blanks

1. The decimal number 0.0045 has _____ zeros after the decimal point.
2. In the number 7.090, the digit in the hundredths place is _____.
3. In the number 3.000, how many significant digits are there? _____
4. The decimal 0.0102 has _____ leading zeros before the 1.
5. The number 2.500 has _____ trailing zeros.
6. The decimal number 0.00609 has _____ zeros after the decimal point.
7. The number 0.00012 has _____ leading zeros.
8. In the decimal 5.0701, the digit 7 is in the _____ place.
9. The number 9.0003 has _____ trailing zeros.
10. The decimal number 0.002300 has _____ significant figures.
11. In the number 3.450, the 4 is in the _____ place.
12. 1.005 has _____ significant digits.
13. The number 0.0809 has _____ trailing zeros.
14. The decimal 4.0070 has _____ significant digits.
15. 0.010 has _____ leading zeros

Part 2: True or False?

Read each statement below and determine if it is **True** or **False**.

1. **True/False:** Trailing zeros in a decimal do not change the value of the number.
2. **True/False:** The decimal 5.004 and 5.04 represent the same value.
3. **True/False:** In the number 0.00302, the zero before the 3 is a leading zero.
4. **True/False:** 0.100 has three significant figures.
5. **True/False:** In the number 1.020, the zero is significant.

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