

CHAPTER 3 2 SIGNIFICANT DIGITS

Rule 1. Digits other than zero are always significant.

96 g 2 significant digits
61.4 g 3 significant digits
0.52 g 2 significant digits

Rule 2. One or more final zeros used after the decimal point are always significant.

4.72 km 3 significant digits
4.7200 km 5 significant digits
82.0 m 3 significant digits

Rule 3. Zeros between two other significant digits are always significant.

5.029 g 4 significant digits
306 g 3 significant digits

Rule 4. Zeros used solely for spacing the decimal point are not significant. The zeros are placeholders only.

7000 g 1 significant digit
0.00783 kg 3 significant digits