

How to do Sig Figs!

Basic Sig Fig Rules

1. Nonzero digits are always significant.

8

one significant figure

19

two significant figures

2310

three significant figures

2. Any zeroes between two significant figures are significant.

9807

↑
significant!
four sig-figs

101

↑
significant!
three sig-figs

18020130

↙ ↘
significant!
seven sig-figs

3. In integers, trailing zeroes are only significant if there is a decimal place.

100

no decimal
one sig fig

100.

decimal
3 sig-figs

Julian
Corke

9,000

no decimal
1 sig-fig

9,000.

decimal
4 sig-figs

4. A final zero or trailing zeroes

