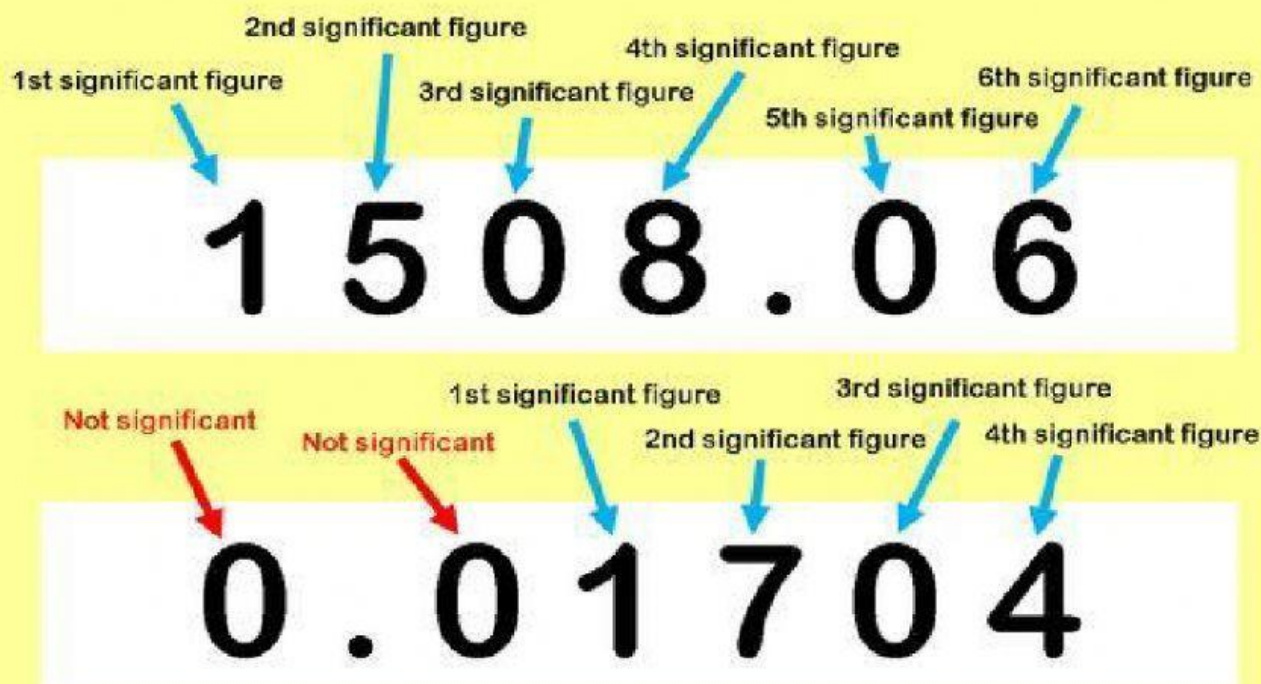


SIGNIFICANT FIGURES

What are significant figures?



Notice: The zeros are not significant when they are at the beginning of the number.

How to round to significant figures

Round the following...

... to
1 significant figure

... to
2 significant figures

3875

4000

3900

6.254

6

6.3

0.07109

0.07

0.071

Name: _____

Set: _____

Classwork

How Many Significant Digits for Each Number?

1) 0.004 = _____

11) 2×10^{-6} = _____

2) 8680 = _____

12) 97 = _____

3) 0.00220 = _____

13) 4.100×10^{-5} = _____

4) 21.274 = _____

14) 7300 = _____

5) 8500 = _____

15) 9905 = _____

6) 0.0440 = _____

16) 400 = _____

7) 6600 = _____

17) 5.477×10^{-9} = _____

8) 560 = _____

18) 2.4×10^9 = _____

9) 6.0×10^3 = _____

19) 4.600×10^2 = _____

10) 0.0007 = _____

20) 0.04 = _____