

Problem Set - Significant Figures #1 - Questions

Give the number of significant figures for each of the following clearly describing how you come to this answer. If you wanted to do an accurate calculation, which number would you use (give me your reasoning).

1. $2.4 \times 10^5 \rightarrow$
2. 23,000 \rightarrow
3. 0.0231 \rightarrow
4. $2.705 \times 10^{-5} \rightarrow$
5. $2 \times 10^9 \rightarrow$
6. 23,000,000 \rightarrow
7. 0.0023 \rightarrow
8. $2.71 \times 10^{-3} \rightarrow$
9. $2.4 \times 10^{-5} \rightarrow$
10. 0.230 \rightarrow
11. 0.000,002,31 \rightarrow
12. $2.7 \times 10^5 \rightarrow$
12. $2.41 \times 10^{12} \rightarrow$
14. 23,100 \rightarrow
15. 0.02301 \rightarrow
16. $2.7 \times 10^{-1} \rightarrow$
17. $2.4 \times 10^0 \rightarrow$
18. 231 \rightarrow
19. 0.000,23 \rightarrow
20. $2.713 \times 10^{-5} \rightarrow$