

How Many Significant Figures for Each Number?

Identify how many significant figures are in each number and state which rule you used to help identify each. Answers on second page.

1) 2244 = _____

11) 900 = _____

2) 0.0670 = _____

12) 4708 = _____

3) 0.00940 = _____

13) 65.65 = _____

4) $9.87 \times 10^7 =$ _____

14) 0.006 = _____

5) 1003 = _____

15) 6842 = _____

6) $3.0 \times 10^{-7} =$ _____

16) $8.0 \times 10^{-5} =$ _____

7) 6007 = _____

17) $1 \times 10^{-1} =$ _____

8) 0.034 = _____

18) $2 \times 10^6 =$ _____

9) 39.668 = _____

19) $8.890 \times 10^3 =$ _____

10) 103 = _____

20) 69.922 = _____

How Many Significant Figures for Each Number?

Identify how many significant figures are in each number and state which rule you used to help identify each.

1) 2244 = ____4, R 1____

11) 900 = ____1, R 1, 3____

2) 0.0670 = ____3, R 1, 3,4 ____

12) 4708 = ____4, R 1, 2____

3) 0.00940 = ____3, R 1, 3,4 ____

13) 65.65 = ____4, R 1____

4) 9.87 x 10⁷ = ____3, R 1____

14) 0.006 = ____1, R 1, 4____

5) 1003 = ____4, R 1,2____

15) 6842 = ____4, R 1____

6) 3.0 x 10⁻⁷ = ____2, R 1, 3____

16) 8.0 x 10⁻⁵ = ____2, R 1, 3____

7) 6007 = ____4 R 1,2____

17) 1 x 10⁻¹ = ____1, R 1____

8) 0.034 = ____2, R 1, 4____

18) 2 x 10⁶ = ____1, R 1____

9) 39.668 = ____5, R 1____

19) 8.890 x 10³ = ____4, R 1, 3____

10) 103 = ____3 R, 1, 2____

20) 69.922 = ____5, R 1____

When doing numbers with scientific notation, cover up the x 10 part and count the sig figs of just the value shown. DO NOT EXPAND, you will get the wrong answer.