

**Significant Figures - MCQ**

- 1) Round 9.700125000 to 6 significant figures.
- a)  $9.70012 \times 10^4$
  - b) 9.70013
  - c) 970045360
  - d)  $0.97001 \times 10^{-5}$
- 2) Which of the following has the greatest number of significant figures?
- a) 10101000
  - b) 20.50100
  - c) 20590006000
  - d) 0.03005950
- 3) Calculate  $1.025 \times 0$  number of significant figures.
- a) 200
  - b) 20
  - c) 2
  - d) 2,000
- 4) Which of the follow
- a) All zeros are s
  - b) Leading zeros
  - c) Trailing zeros
  - d) Trailing zeros in integers are significant.
- 5) How would you round the number 396.987 to 5 significant figures?
- a) 396.98
  - b) 396.10
  - c) 396.99
  - d) 396.990

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