

**Significant Figures - MCQ**

- 1) Calculate  $25.32 - 5.234$  and round the answer to the appropriate number of significant figures.
- a) 20.086
  - b) 20.08
  - c) 20.09
  - d) 20.06
- 2) Which of the following numbers do not have 8 significant figures?
- a) 52.002500
  - b) 08003000
  - c) 961050240
  - d) 0.10200500
- 3) Which of the following is not in standard form?
- a)  $3 \times 10^5$
  - b) 0.00301
  - c)  $3.0 \times 10^5$
  - d) 0.300
- 4) How would you round  $0.0703 \times 10^{-12}$  to 2 significant figures?
- a)  $0.07 \times 10^{-12}$
  - b)  $0.070 \times 10^{-12}$
  - c)  $0.0703 \times 10^{-12}$
  - d)  $0.071 \times 10^{-12}$
- 5) Find the value of  $3.950 + 7.84 - 4.0$  and round the answer to appropriate significant figures.
- a) 7.8
  - b) 7.79
  - c) 7.0
  - d) 8

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- a) 20.086
  - b) 20.08
  - c) 20.09
  - d) 20.06
- 2) Which of the following numbers do not have 8 significant figures?
- a) 52.002500
  - b) 08003000
  - c) 961050240
  - d) 0.10200500
- 3) Which of the following numbers has 3 significant figures?
- a)  $3 \times 10^5$
  - b) 0.00301
  - c)  $3.0 \times 10^5$
  - d) 0.300
- 4) How would you round  $0.070 \times 10^{-12}$  to 2 significant figures?
- a)  $0.07 \times 10^{-12}$
  - b)  $0.070 \times 10^{-12}$
  - c)  $0.0703 \times 10^{-12}$
  - d)  $0.071 \times 10^{-12}$
- 5) Find the value of  $3.950 + 7.84 - 4.0$  and round the answer to appropriate significant figures.
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