

Significant Figures - MCQ

- 1) Round 9.700125000 to 6 significant figures.
- a) 9.70012×10^4
 - b) 9.70013
 - c) 970045360
 - d) 0.97001×10^{-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 1.025×0.2 and state the number of significant figures.
- a) 200
 - b) 20
 - c) 2
 - d) 2,000
- 4) Which of the following is true?
- a) All zeros are significant.
 - b) Leading zeros are significant.
 - c) Trailing zeros in integers are significant.
 - d) Trailing zeros in integers are not 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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2) Which of the following has the greatest number of significant figures?

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b) 20.50100

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3) Calculate 1.025×0

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

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