

Name: \_\_\_\_\_

Date: \_\_\_\_\_ Score: \_\_\_\_\_

## Significant Figures

Complete the following problems and round to the correct number of significant figures.

### A) Addition and Subtraction

1)  $6.2 + 4.114 =$  \_\_\_\_\_

2)  $19.6 - 8.77 =$  \_\_\_\_\_

3)  $3.4 + 8.2252 =$  \_\_\_\_\_

4)  $7.8948 - 4.1 =$  \_\_\_\_\_

5)  $101.12 - 98.7 =$  \_\_\_\_\_

6)  $23 + 16.4 + 22.0 =$  \_\_\_\_\_

### B) Multiplication and Division

1)  $1000 \div 8.2 =$  \_\_\_\_\_

2)  $10.0 \times 0.02 =$  \_\_\_\_\_

3)  $9.66 \div 0.33 =$  \_\_\_\_\_

4)  $8000 \div 9.7 =$  \_\_\_\_\_

5)  $0.004 \times 33.511 =$  \_\_\_\_\_

6)  $0.005 \times 60 =$  \_\_\_\_\_

### C) Mixed Operation

1)  $(12.3 + 0.06) \times 53.44$

2)  $68.7 - 14.021 \div 18.9$

\_\_\_\_\_

\_\_\_\_\_

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# Significant Figures

## Answers

### A) Addition and Subtraction

1)  $6.2 + 4.114 = \underline{10.3}$

2)  $19.6 - 8.77 = \underline{10.8}$

3)  $3.4 + 8.2252 = \underline{11.6}$

4)  $7.8948 - 4.1 = \underline{3.8}$

5)  $101.12 - 98.7 = \underline{2.4}$

6)  $23 + 16.4 + 22.0 = \underline{61}$

### B) Multiplication and Division

1)  $1000 \div 8.2 = \underline{100}$

2)  $10.0 \times 0.02 = \underline{0.2}$

3)  $9.66 \div 0.33 = \underline{29}$

4)  $8000 \div 9.7 = \underline{800}$

5)  $0.004 \times 33.511 = \underline{0.1}$

6)  $0.005 \times 60 = \underline{0.3}$

### C) Mixed Operation

1)  $(12.3 + 0.06) \times 53.44$

2)  $68.7 - 14.021 \div 18.9$