## Significant Figure and Scientific Notation Worksheet

#### 1. Convert each of the following into scientific notation.

a) 3427

b) 0.00456

c) 123, 453

d) 172

e) 0.000984

0.502

g)  $3100.0 \times 10^{2}$ 

b) 0.0114×104

i) 107.2

j) 0.0000455

k) 2205.2

1)  $30.0 \times 10^{-2}$ 

m)  $0.982 \times 10^{-3}$ 

n) 0.0473

o) 650,502

p)  $3.03 \times 10^{-1}$ 

 $q)20.4 \times 10^{5}$ 

r) 1000×10<sup>-3</sup>

#### 2. Determine the number of significant digits in each of the following:

a) 3427

b) 0.00456

c) 123,453

d) 172

c) 0.000984

0.502

g) 3100.0×10<sup>2</sup>

b) 0.0114×104

i) 107.2

j) 0.0000455

k) 2205.2

D  $30.0 \times 10^{-2}$ 

m)  $0.982 \times 10^{-3}$ 

n) 0.0473

o) 650,502

p)  $3.03 \times 10^{-1}$ 

 $q)20.4 \times 10^{5}$ 

r) 1000×10<sup>-3</sup>

#### 3. Convert each into decimal form.

a)  $1.56 \times 10^4$ 

b)  $0.56 \times 10^{-2}$ 

c)  $3.69 \times 10^{-2}$ 

d) 736.9×10<sup>5</sup>

e) 0.00259×10<sup>5</sup>

f)  $13.69 \times 10^{-2}$ 

g)  $6.9 \times 10^4$ 

# **Scientific Figures Mastering Chemistry Answers**

**R Barnett** 

**Scientific Figures Mastering Chemistry Answers:** 

This book delves into Scientific Figures Mastering Chemistry Answers. Scientific Figures Mastering Chemistry Answers is an essential topic that must be grasped by everyone, ranging from students and scholars to the general public. This book will furnish comprehensive and in-depth insights into Scientific Figures Mastering Chemistry Answers, encompassing both the fundamentals and more intricate discussions.

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  - Chapter 1: Introduction to Scientific Figures Mastering Chemistry Answers
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  - Chapter 3: Scientific Figures Mastering Chemistry Answers in Everyday Life
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  - ∘ Chapter 5: Conclusion
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  This book is crafted in an easy-to-understand language and is complemented by engaging illustrations. It is highly
  - This book is crafted in an easy-to-understand language and is complemented by engaging illustrations. It is highly recommended for anyone seeking to gain a comprehensive understanding of Scientific Figures Mastering Chemistry Answers.

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