

# Chemistry Module 1 Quiz

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Answer the questions on a separate paper.  
*Show all your work!*

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

1. How many grams are in 3.25 kilograms? (1)
2. How many seconds are in 1.175 megaseconds? (1)
3. How many seconds are in 1 hour? (1)
4. How many kilograms in 1,000,000,000 grams? (1)
5. What is  $\frac{3\pi}{4} \times \frac{1}{2\pi}$ ? (1)
6. Convert 123.45 into scientific notation. (1)
7. Convert 0.1234 into scientific notation. (1)
8. What is  $12.0 \times 3.21$ ? Choose the most correct answer: (1)
  - A. 39
  - B. 38.5
  - C. 38.52
  - D. 38.520
  - E. 38.5200

9. What is  $12.0 + 3.21$ ? Choose the most correct answer: (1)
- A. 15
  - B. 15.2
  - C. 15.21
  - D. 15.210
  - E. 15.2100
10. Lead has a density of  $11.4\text{g/mL}$ . If we make a statue out of  $3.45\text{L}$  of lead, what is the statue's mass? (1)
11. Who is the first king named in the Bible? (1 (bonus))

This quiz has 11 questions for a total of 10 points and 1 bonus point(s).