

Chapter 2**3.**

a. _____

b. _____

c. _____

7. Symbol:**9. Differ?:** _____

Cu-63 symbol:

Cu-65 symbol:

11.

a. _____ b. _____

c. _____

15.

a. Isobars:

Isotopes:

b. _____

c. _____

17.

a. _____ b. _____ c. _____

23. _____**27. Don't estimate ... calculate!**

1st Isotope: _____

2nd Isotope: _____

3rd Isotope: _____

41.

a. _____

b. _____

c. _____

d. _____

e. _____

43.

a. _____ b. _____ c. _____

55.

a. _____ b. _____ c. _____

d. _____ e. _____

57.

a. _____

b. _____

c. _____

57. (con't)

d. _____

e. _____

73. (con't)

c. _____

d. _____

61.

a. _____ b. _____ c. _____

d. _____ e. _____

83.

a. _____ b. _____ c. _____

d. _____ e. _____

63.

a. _____

b. _____

c. _____

d. _____

e. _____

Chapter 3

3.

a. _____

b. _____

c. _____

5. _____

7.

a. _____

b. _____

c. _____

9.

a. _____

b. _____

c. _____

73.

a. _____

b. _____

11.

a. _____

b. _____

c. _____

21.

a. _____

b. _____

c. _____

d. _____

25.

Cu: _____ Al: _____ P: _____

O: _____ H: _____

27. _____

29.

a. _____

b. _____

31.

Mass % C: _____

Mass % H: _____

31. (continued)

Mass % O: _____

35. _____

39. _____

43.

Empirical Formula: _____

Molecular Formula: _____

45.

Mass %: _____

$x =$ _____

47. Just provide coefficients in all equation blanks.

a. _____ + _____ \rightarrow _____ + _____

b. _____ \rightarrow _____ + _____ + _____

c. _____ + _____ \rightarrow _____ + _____ + _____

51.

a. _____ + _____ \rightarrow _____ + _____

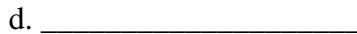
b. _____ + _____ \rightarrow _____ + _____ + _____

c. _____ + _____ \rightarrow _____ + _____

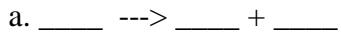
d. _____ + _____ \rightarrow _____

e. _____ + _____ + _____ + _____ \rightarrow _____ + _____

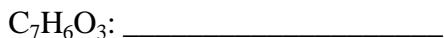
55.



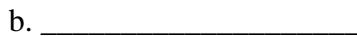
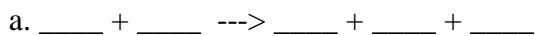
67.



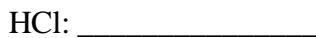
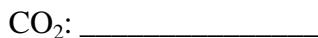
71.



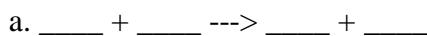
57.



c.



59.



65.

