

# PHYSICAL SETTING CHEMISTRY

Wednesday, January 28, 2004 — 9:15 a.m. to 12:15 p.m., only

## ANSWER BOOKLET

Student ..... Sex:  Male  
 Female

Teacher .....

School ..... Grade .....

Answer all questions in Part B-2 and Part C. Record your answers  
in this booklet.

Part	Maximum Score	Student's Score
A	31	
B-1	19	
B-2	13	
C	22	
Total Written Test Score (Maximum Raw Score: 85)		<input type="text"/>
Final Score (from conversion chart)		<input type="text"/>
Raters' Initials: Rater 1 ..... Rater 2 .....		

Part B-2		For Raters Only
51	_____ C <sub>5</sub> H <sub>12</sub> (g) + _____ O <sub>2</sub> (g) → _____ CO <sub>2</sub> (g) + _____ H <sub>2</sub> O(g)	51 <input type="text"/>
52 a		52a <input type="text"/>
b	_____ mol H <sub>2</sub> O	b <input type="text"/>

For Raters  
Only

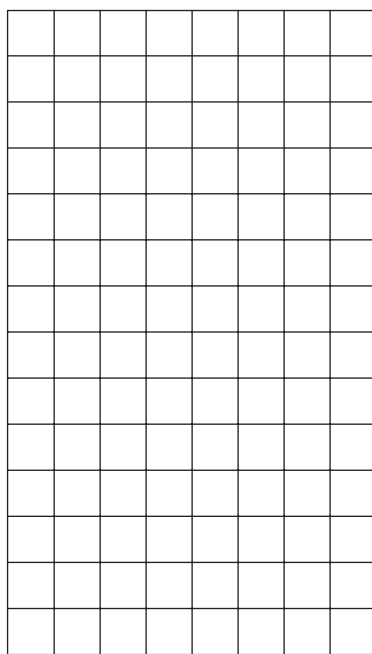
53

Atomic Number	Electronegativity
11	
12	
13	
14	
15	
16	
17	

53

54 and 55

Electronegativity



11 12 13 14 15 16 17

Atomic Number

54

55

**For Raters  
Only**

56 \_\_\_\_\_

56

57 \_\_\_\_\_ grams

57

58 \_\_\_\_\_ grams

58

59 \_\_\_\_\_

59

60 \_\_\_\_\_

60

61 \_\_\_\_\_

61

62

62

**Total Score  
for Part B-2**

**Part C**

**For Raters  
Only**

63 \_\_\_\_\_ and \_\_\_\_\_

63

64 \_\_\_\_\_

\_\_\_\_\_

\_\_\_\_\_

64

65 \_\_\_\_\_

65

66 \_\_\_\_\_

66

67 \_\_\_\_\_

\_\_\_\_\_

67

68 \_\_\_\_\_

68

69 \_\_\_\_\_

69

70

70

**For Raters  
Only**

71 \_\_\_\_\_

71

72 \_\_\_\_\_

72

\_\_\_\_\_

73 \_\_\_\_\_

73

\_\_\_\_\_

74 \_\_\_\_\_

74

\_\_\_\_\_

75 \_\_\_\_\_ g/mol

75

76 *a*

76*a*

*b* \_\_\_\_\_ %

*b*

**For Raters  
Only**

77 \_\_\_\_\_

77

78 \_\_\_\_\_

78

79 \_\_\_\_\_

79

80 \_\_\_\_\_

80

81 \_\_\_\_\_

81

**Total Score  
for Part C**



