

PHYSICAL SETTING CHEMISTRY

Wednesday, August 13, 2003 — 12:30 to 3:30 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	35	
B-1	15	
B-2	14	
C	21	
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	51 <input type="text"/>
52		52 <input type="text"/>

For Raters
Only

53 _____

53



54

55 _____

55

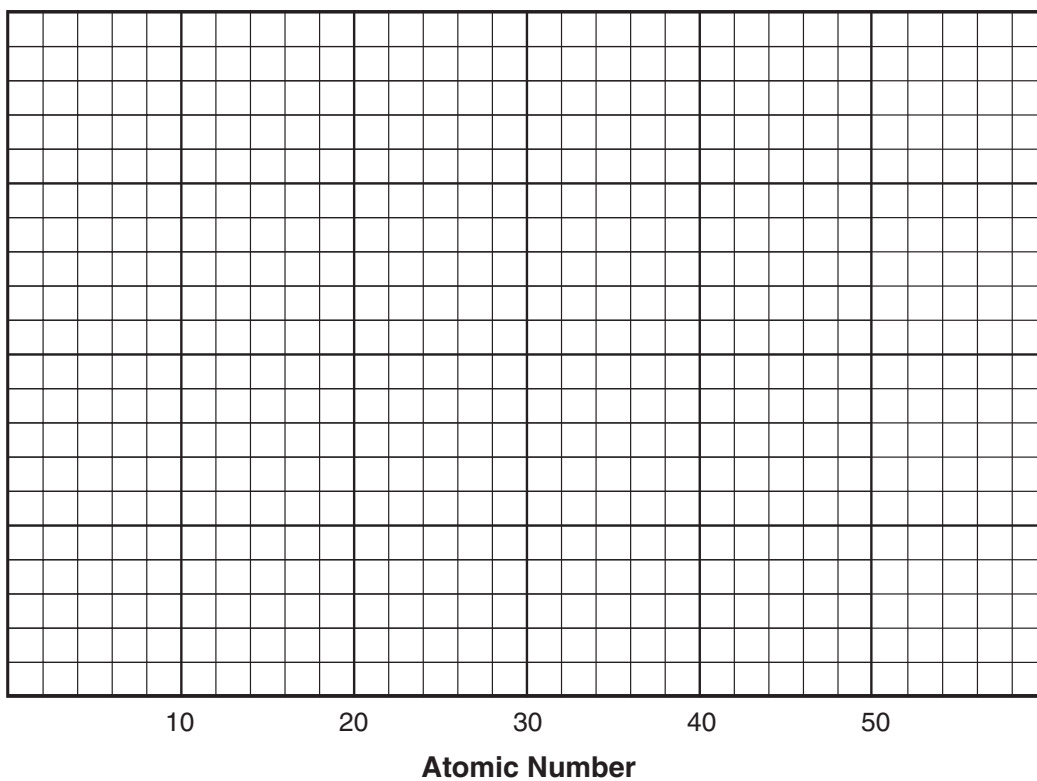
56

Atomic Number	Element	First Ionization Energy (kJ/mol)
2	He	
10	Ne	
18	Ar	
36	Kr	
54	Xe	

56

57

First Ionization Energy (kJ/mol)



57

58 _____

58

**For Raters
Only**

59 _____

59

60 _____

60

61

61

62 _____

62

**Total Score
for Part B-2**

Part C

63 _____ and _____

63

64 _____

64

**For Raters
Only**

65

65

Average atomic mass of element X: _____ **amu**

66

66

_____ % error

67

67

68

68

69

69

**For Raters
Only**

70 _____

70

71 _____

71

72 _____

72

73 _____

73

74 _____

74

75 _____

75

76 _____

76

77 _____

77

78 CO₂: _____

78

H₂O: _____

**Total Score
for Part C**

