

PHYSICAL SETTING CHEMISTRY

Tuesday, June 23, 2015 — 9:15 a.m. to 12:15 p.m., only

ANSWER BOOKLET

Male

Student Sex: Female

Teacher

School Grade

Record your answers for Part B–2 and Part C in this booklet.

Part B–2

51 _____ mL

52 _____ g

53 _____

54 _____

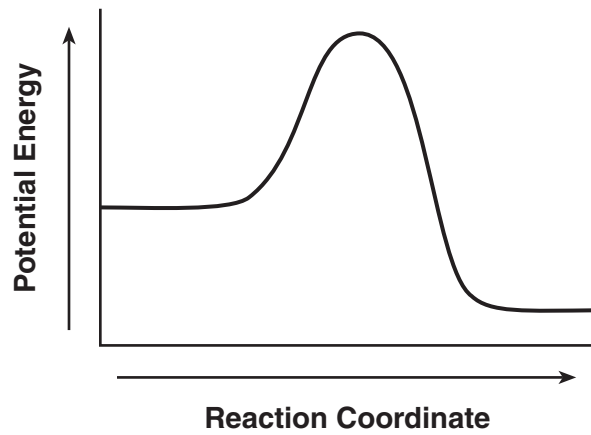
55 _____

56 _____ %

57

58

59



60

61

62 _____

63 ${}_{19}^{40}\text{K} \rightarrow {}_{-1}^0\text{e} +$ _____

64 _____

65

Part C

66 Atomic number: _____

Mass number: _____

67 Number of electrons in first shell: _____

Number of electrons in second shell: _____

68 Change in electron energy: _____

Change in electron location: _____

69 _____

70 _____ g/mol

71 _____

72 _____

73

74

75 _____ mL

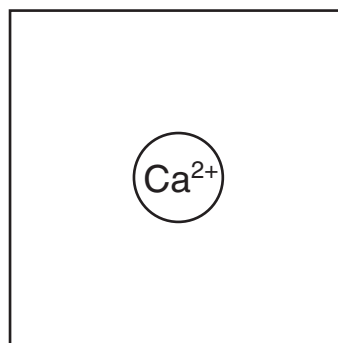
76

77 _____ mol

78

79

Key	
●	= hydrogen atom
○	= oxygen atom
●● ○	= water molecule



80

81

82

83

84

85
