

# PHYSICAL SETTING CHEMISTRY

Thursday, January 24, 2013 — 1:15 to 4:15 p.m., only

ANSWER BOOKLET

Student ..... Sex:  Male  
 Female  
Teacher .....  
School ..... Grade .....

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

**Part B–2**

51

52

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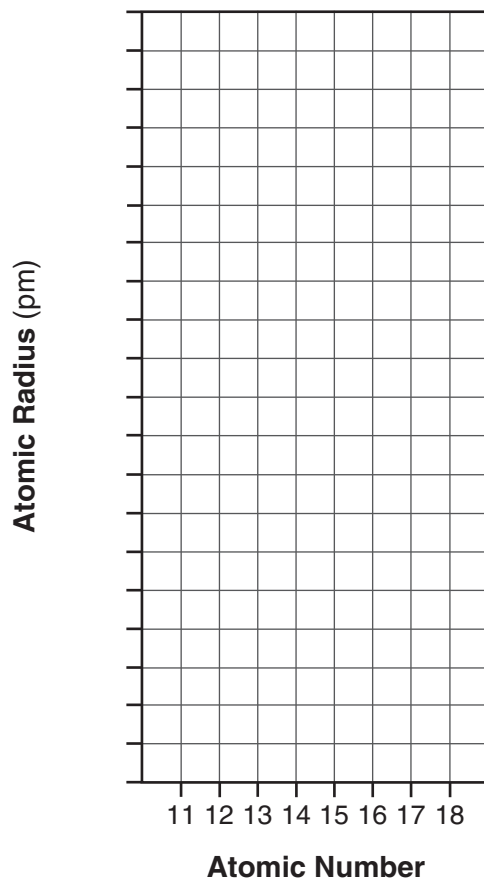
53 \_\_\_\_\_ kJ

54

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55 and 56

Atomic Radius Versus Atomic Number



57

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58

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59

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60 \_\_\_\_\_ g/mol

61

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62 \_\_\_\_\_ mol

63

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64

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65 \_\_\_\_\_ g

**Part C**

**66** \_\_\_\_\_

**67** \_\_\_\_\_  
\_\_\_\_\_  
\_\_\_\_\_

**68**

**69** \_\_\_\_\_  
\_\_\_\_\_  
\_\_\_\_\_

**70** \_\_\_\_\_

**71** More active than carbon: \_\_\_\_\_

Less active than carbon: \_\_\_\_\_

**72** \_\_\_\_\_

73

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74

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75

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76

\_\_\_\_\_ mol

77

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78

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79

80

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81

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82

83

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84

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85

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