

# PHYSICAL SETTING CHEMISTRY

Wednesday, January 28, 2015 —1:15 to 4:15 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 \_\_\_\_\_ g

52 \_\_\_\_\_  
\_\_\_\_\_

53 \_\_\_\_\_

54 \_\_\_\_\_ atm

55 \_\_\_\_\_  
\_\_\_\_\_

56

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57

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58

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59

60

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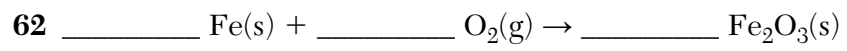
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61

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63 From \_\_\_\_\_ to \_\_\_\_\_

64

Aqueous Solution	Color of Thymol Blue
NaCl(aq)	
NaOH(aq)	

65 \_\_\_\_\_

**Part C**

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

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

**68** \_\_\_\_\_

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

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

**71**

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

73 \_\_\_\_\_ %

74 \_\_\_\_\_  
\_\_\_\_\_


75 \_\_\_\_\_  
\_\_\_\_\_  
\_\_\_\_\_

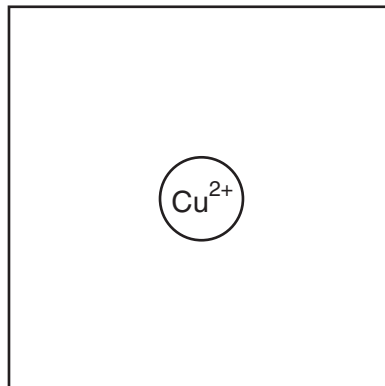
76 \_\_\_\_\_

77 \_\_\_\_\_  
\_\_\_\_\_  
\_\_\_\_\_

78 \_\_\_\_\_  
\_\_\_\_\_  
\_\_\_\_\_

79

Key	
●	= Hydrogen atom
○	= Oxygen atom
	= Water molecule



80

81 \_\_\_\_\_

82 \_\_\_\_\_

83 \_\_\_\_\_

84 \_\_\_\_\_

\_\_\_\_\_

85 \_\_\_\_\_



