

# PHYSICAL SETTING EARTH SCIENCE

Friday, June 17, 2011 — 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 Toward the \_\_\_\_\_

53 \_\_\_\_\_

54 \_\_\_\_\_

55 \_\_\_\_\_ J

56 \_\_\_\_\_

57 \_\_\_\_\_

\_\_\_\_\_

58 \_\_\_\_\_

\_\_\_\_\_

59 Warm: \_\_\_\_\_

Cool: \_\_\_\_\_

60 \_\_\_\_\_

61 \_\_\_\_\_ °

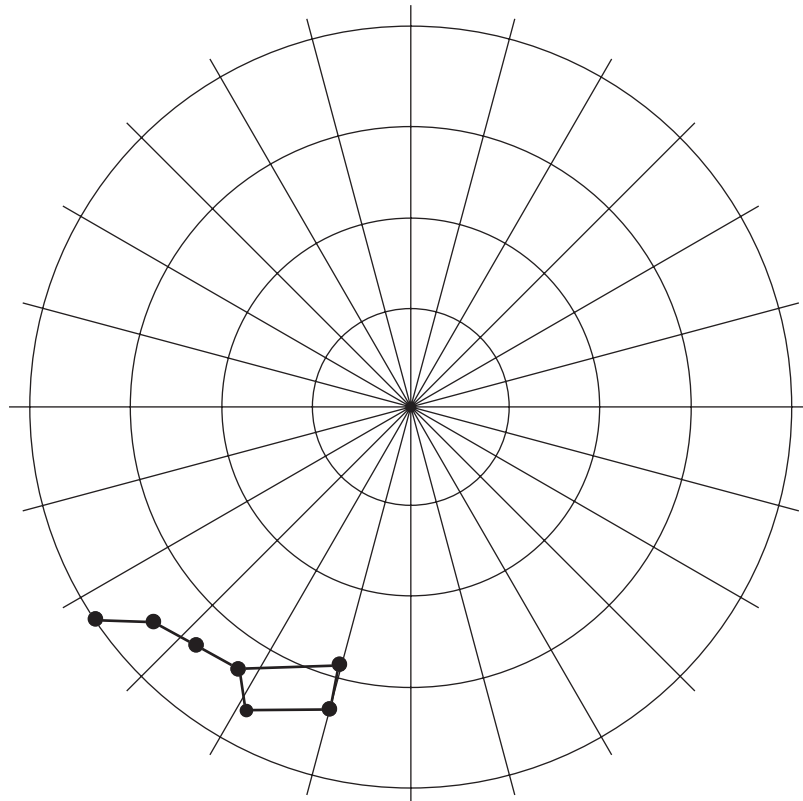
62 \_\_\_\_\_

63

Star	Luminosity	Temperature (K)	Classification
<i>Merak</i>	50	10,000	main sequence
<i>Dubhe</i>	230	4,800	

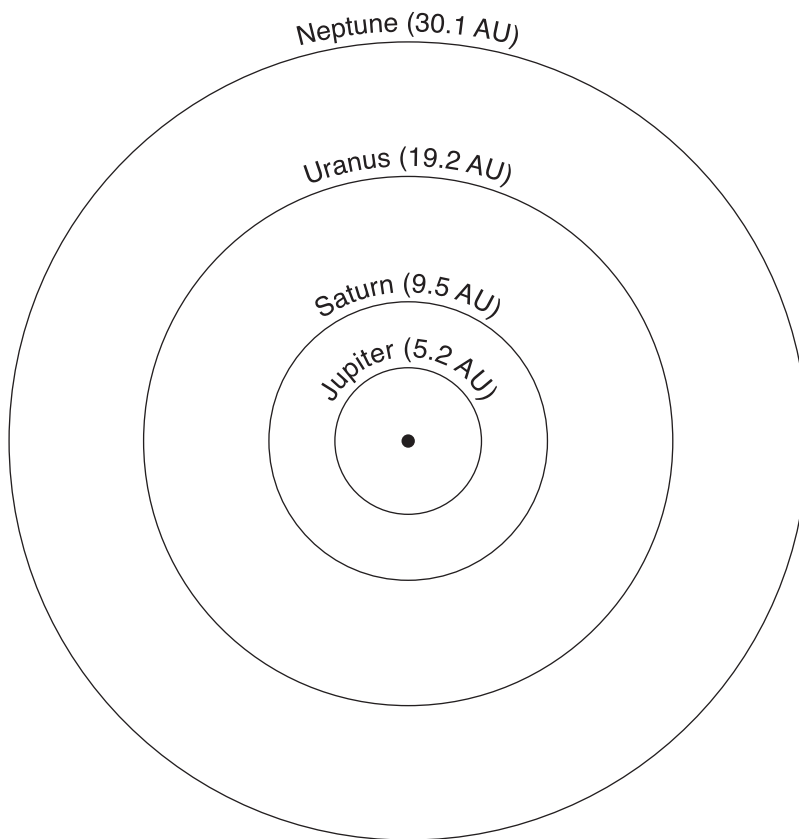
64 \_\_\_\_\_

65



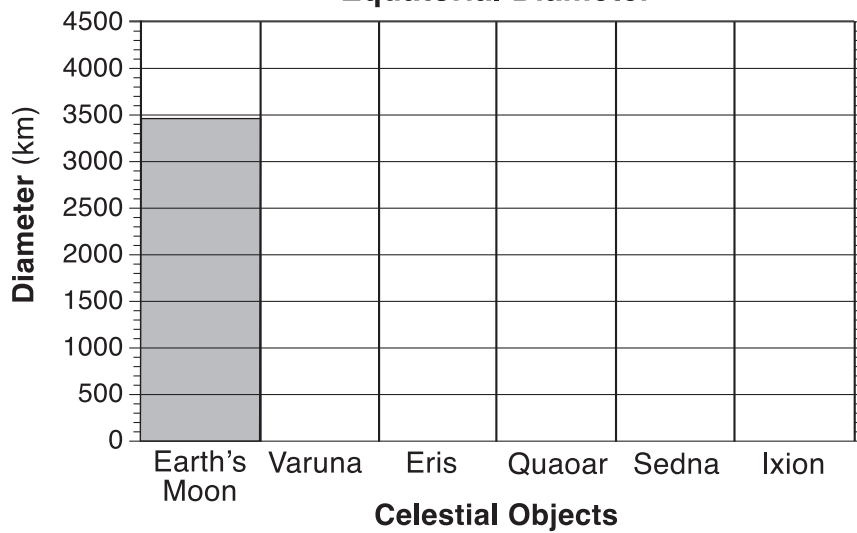
**Part C**

66



67

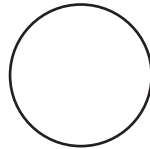
**Equatorial Diameter**



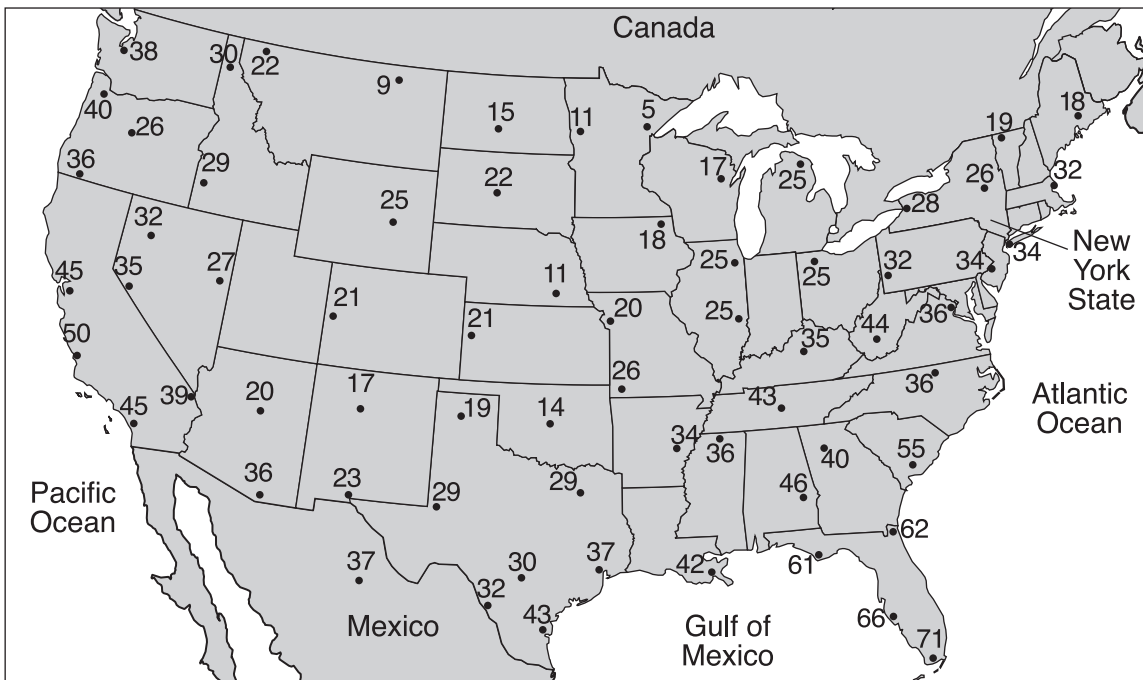
68 Object: \_\_\_\_\_

Evidence: \_\_\_\_\_

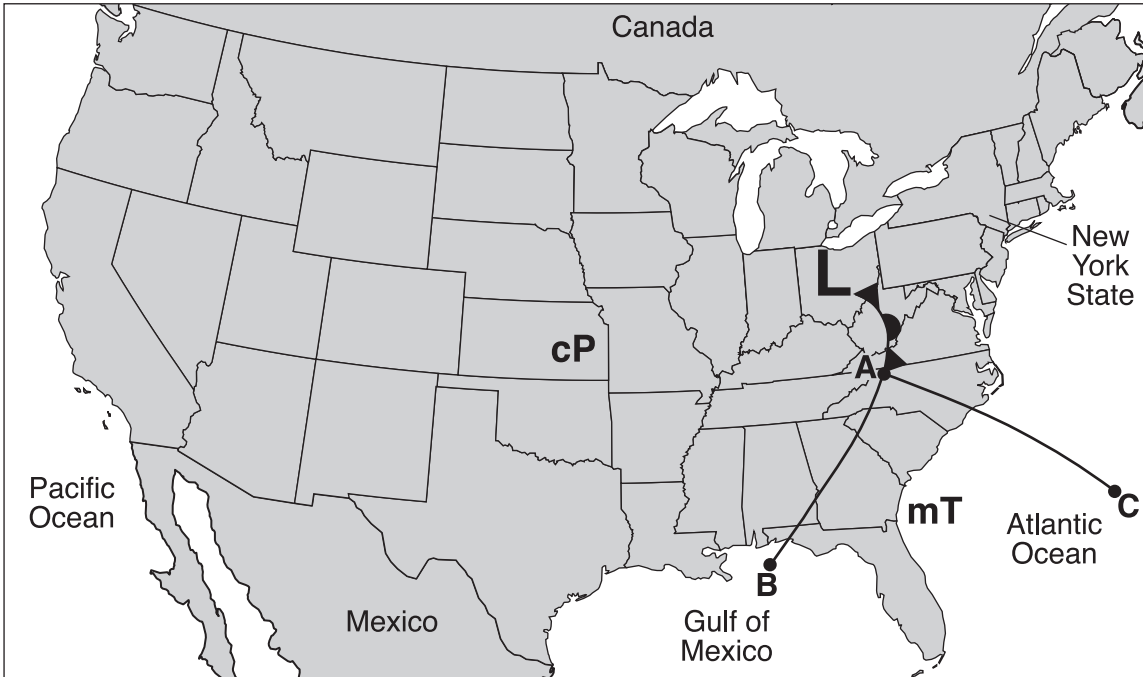
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Map 1–Temperatures (°F)



Map 2-Weather Fronts



72

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73

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74

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75 \_\_\_\_\_

\_\_\_\_\_

76 \_\_\_\_\_ **Period**

77 Crystal size: \_\_\_\_\_

Explanation: \_\_\_\_\_

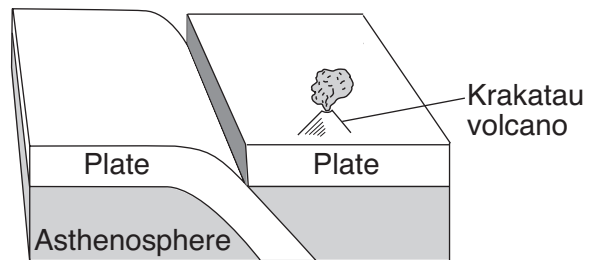
\_\_\_\_\_

78 \_\_\_\_\_

79 \_\_\_\_\_

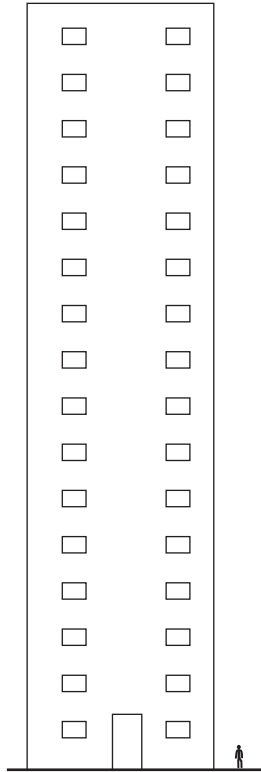
\_\_\_\_\_

80



(Not drawn to scale)

81



Scale: 1 centimeter = 5 meters

82 Rate = \_\_\_\_\_

83 \_\_\_\_\_

84 \_\_\_\_\_

\_\_\_\_\_

85 Texture: \_\_\_\_\_

Density: \_\_\_\_\_

