

# Large-Type Edition

The University of the State of New York  
REGENTS HIGH SCHOOL EXAMINATION

## PHYSICAL SETTING EARTH SCIENCE

Thursday, June 20, 2024 — 9:15 a.m. to 12:15 p.m., only

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### ANSWER BOOKLET

Student .....

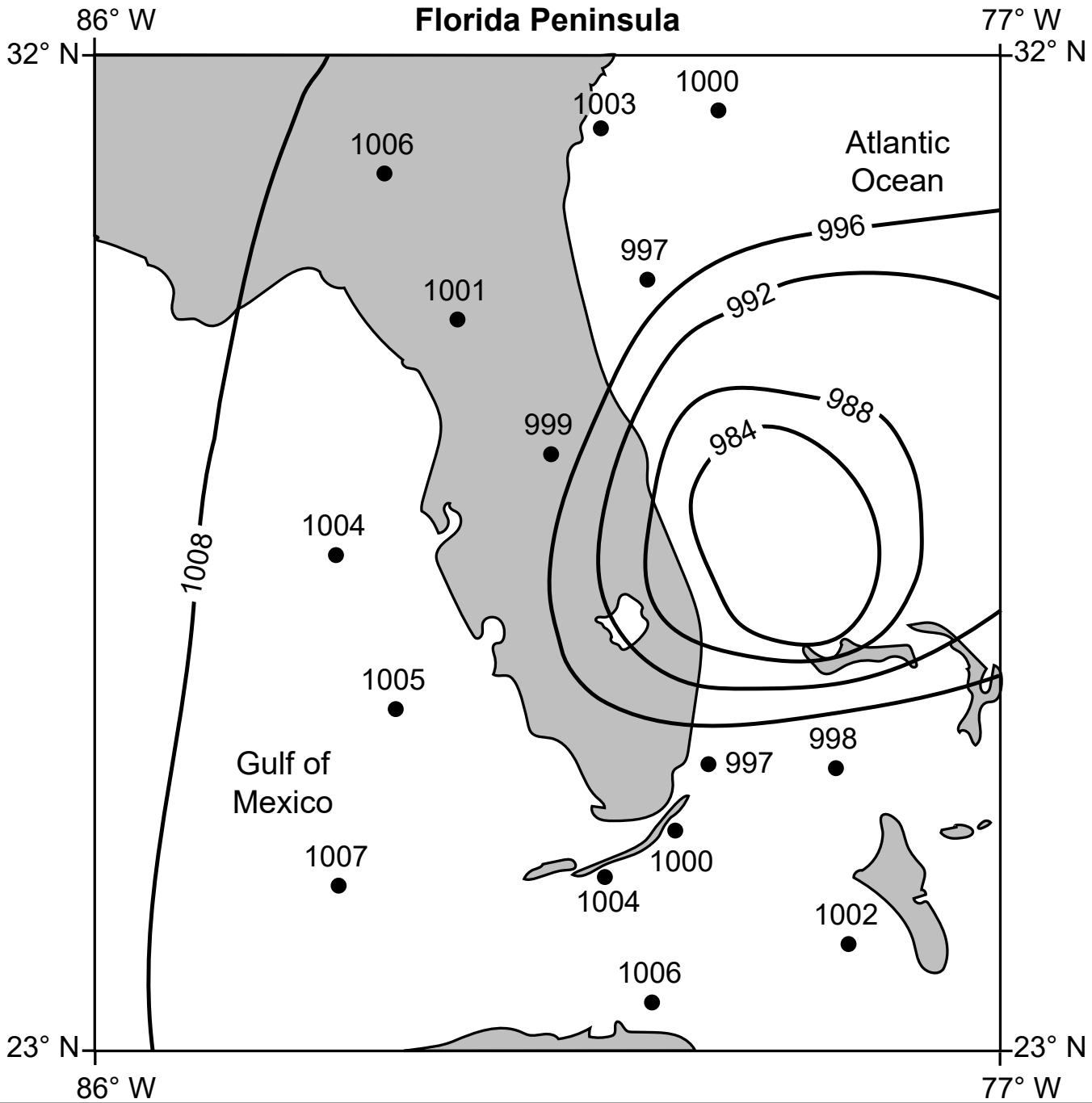
Teacher .....

School ..... Grade .....

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

Part B-2

Florida Peninsula



52 \_\_\_\_\_ in of Hg

53 \_\_\_\_\_

54 \_\_\_\_\_

55 \_\_\_\_\_ °C

56 \_\_\_\_\_

\_\_\_\_\_

57 \_\_\_\_\_

58 \_\_\_\_\_  
\_\_\_\_\_

59 Circle one:      warm      cool

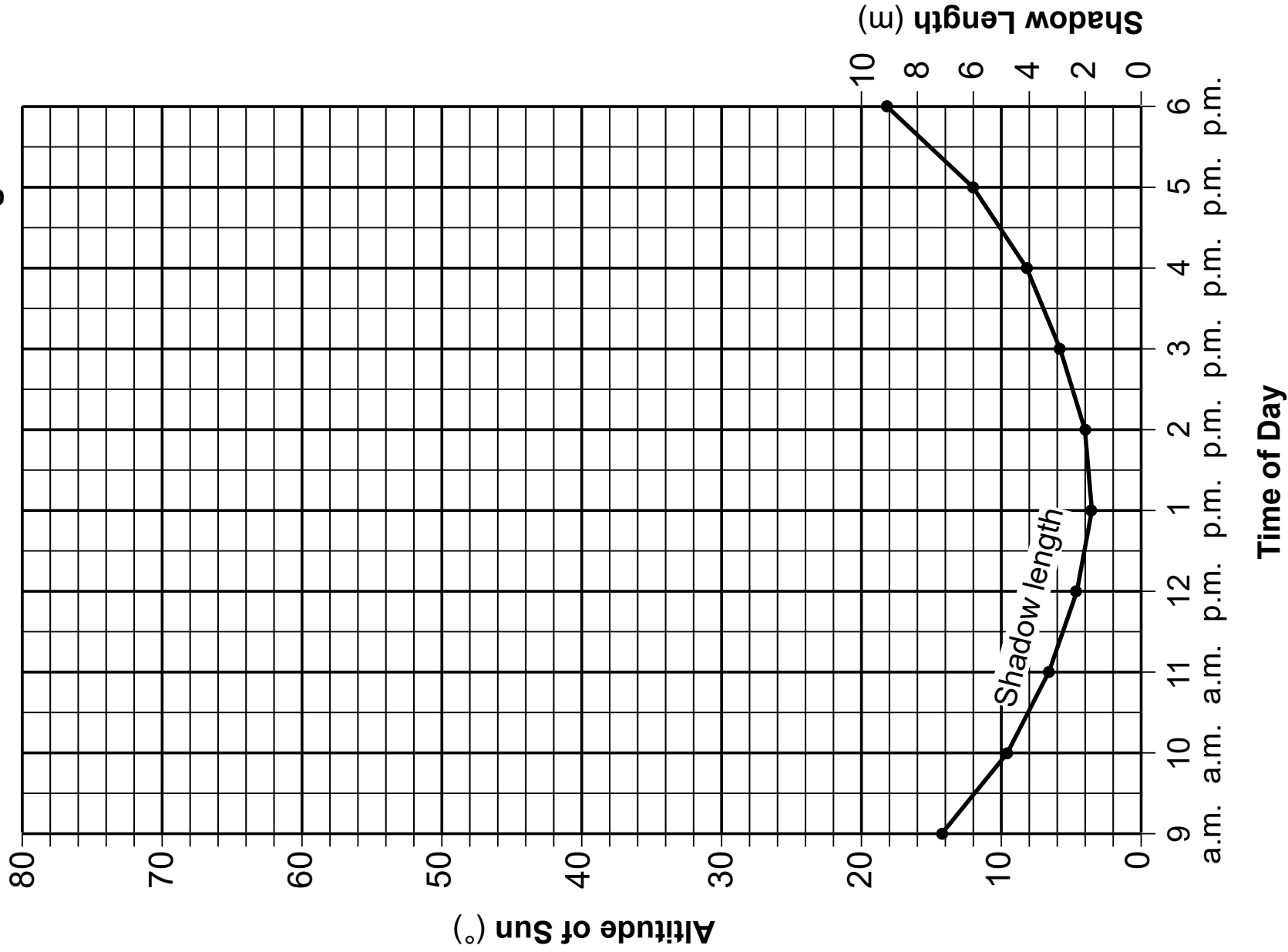
Ocean current: \_\_\_\_\_

60 \_\_\_\_\_

61 \_\_\_\_\_ ft/yr

62 \_\_\_\_\_  
\_\_\_\_\_

**Altitude of the Sun and Shadow Length**



64 \_\_\_\_\_

\_\_\_\_\_

65 \_\_\_\_\_ m

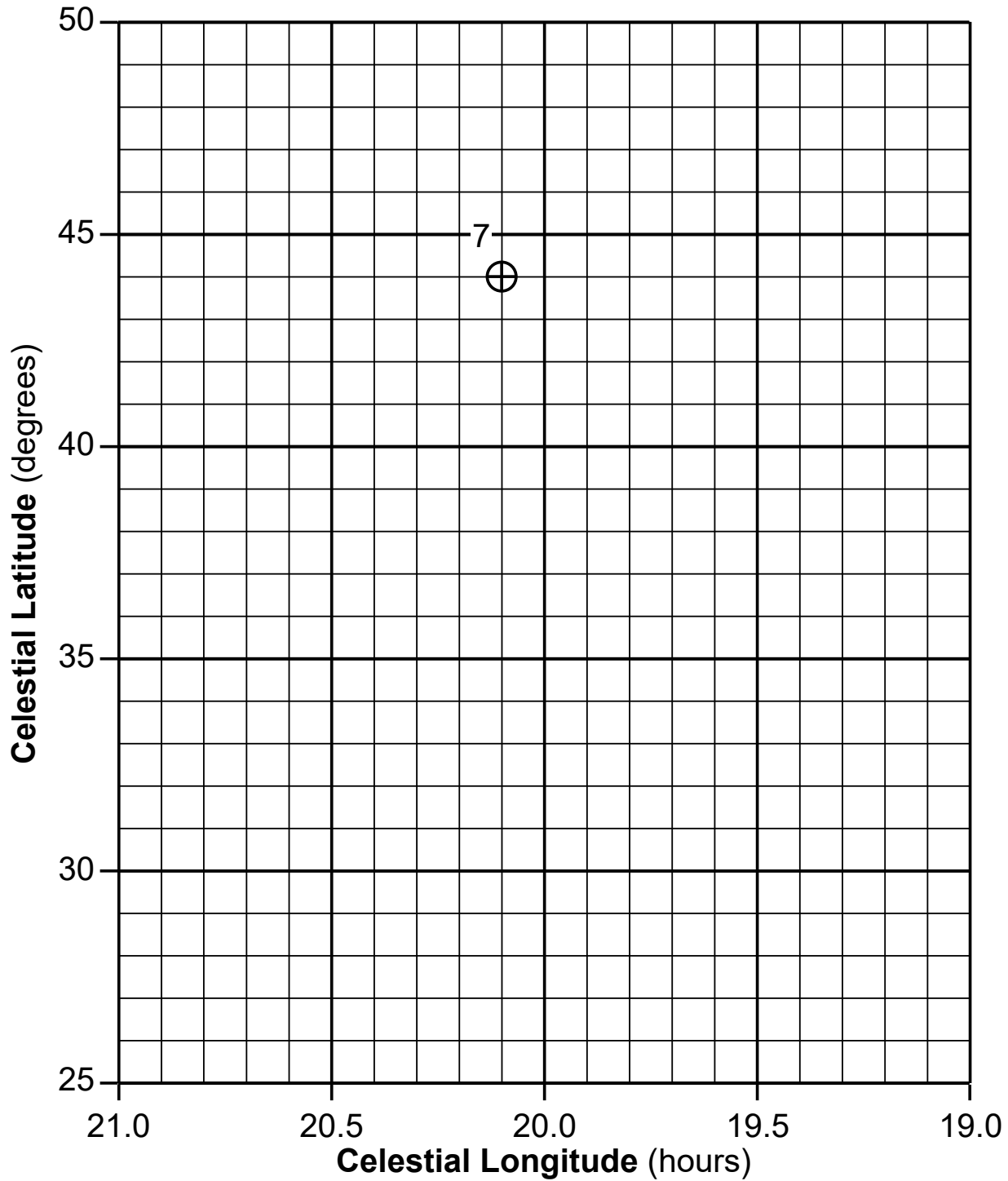
**Part C**

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

**67** Relative age of YZ (circle one):      Younger              Older              Same Age

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

\_\_\_\_\_





69 \_\_\_\_\_

70 \_\_\_\_\_

71

<b>Selected Stars in Cygnus</b>	<b>Color</b>	<b>Classification</b>
Deneb	White	Supergiant
Alberio		
Tabby's Star		

72 \_\_\_\_\_ and \_\_\_\_\_

73 \_\_\_\_\_

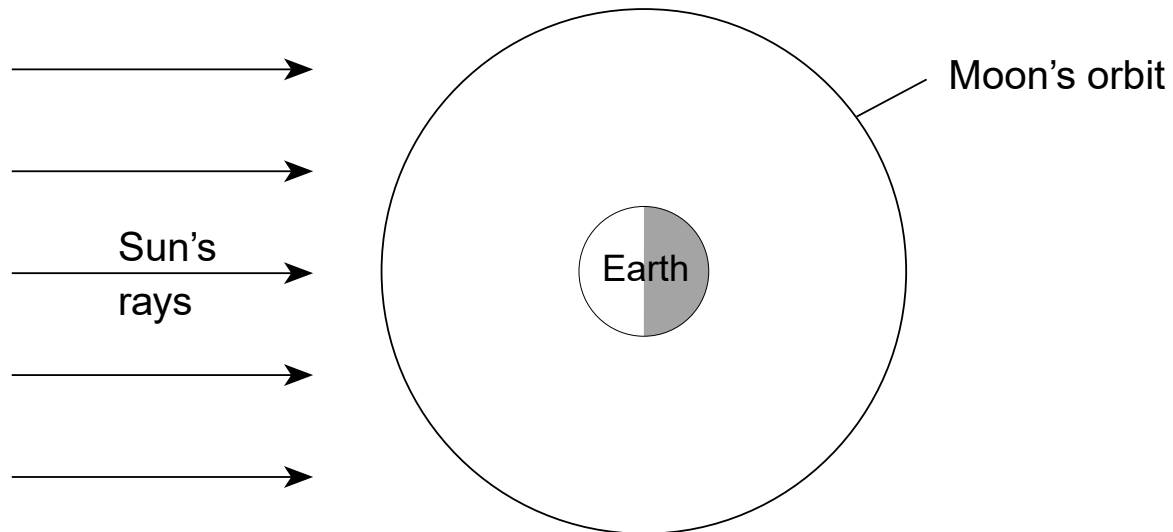
74

<b>Weather Variable</b>	<b>Value</b>
Cloud cover	%
Air temperature	°F
Dewpoint	°F
Barometric pressure	mb

75 November 8, 2022 lunar eclipse (circle one):      visible      not visible

April 20, 2023 solar eclipse (circle one):      visible      not visible

76



(Not drawn to scale)

77 \_\_\_\_\_ °

78 \_\_\_\_\_

\_\_\_\_\_

79 Age: \_\_\_\_\_ million years

Magnetic orientation: \_\_\_\_\_ polarity

80 \_\_\_\_\_ **Plate** and \_\_\_\_\_ **Plate**

81 \_\_\_\_\_

\_\_\_\_\_

82 \_\_\_\_\_

83 \_\_\_\_\_

84 \_\_\_\_\_ **orogeny**

85 Relative age of Herkimer diamonds (circle one):      Younger      Older      The Same

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

\_\_\_\_\_

