

Date \_\_\_\_\_

Year: \_\_\_\_\_

Month: \_\_\_\_\_

Time of Day: \_\_\_\_\_

**Weather Calendar**

	Sunday	Monday	Tuesday	Wednesday	Thursday	Friday	Saturday

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**Weather Calendar (SAB p. 223)**

Calendars will vary based upon weather.\*

Name \_\_\_\_\_ Date \_\_\_\_\_

**Weather Data Table**

*Collect*

Study your Weather Calendar. Record data in the table below.

\_\_\_\_\_ 's Weather

T Type of _____	N Number of _____	
	Tallies	Total

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**Weather Data Table (SAB p. 225)**

Sample data table:

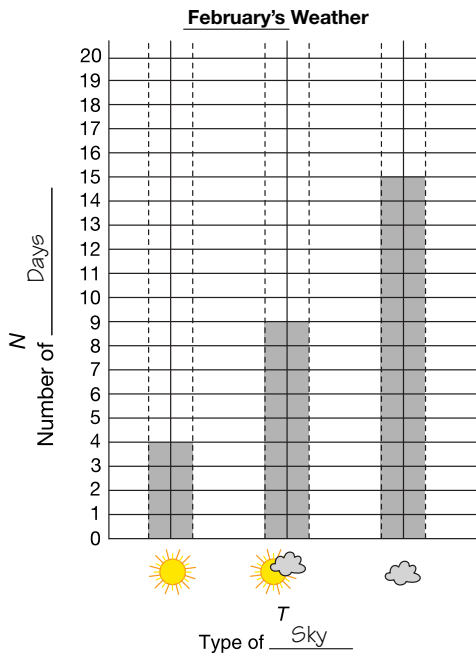
**February's Weather**

T Type of <u>Sky</u>	N Number of <u>Days</u>	
	Tallies	Total
		4
	### 	9
	### ### ###	15

\*Answers and/or discussion are included in the lesson.

**Weather Graph (SAB p. 227)**

Sample graph:



Name \_\_\_\_\_ Date \_\_\_\_\_

### Weather Graph

Make a graph of your data.

\_\_\_\_\_ 's Weather

Type of Sky \_\_\_\_\_

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**Thinking About Winter Skies (SAB p. 229)  
Questions 1–6**

Answers will vary based on student data. Sample answers are given for the sample data table and sample graph.

1. cloudy
2. sunny
3. 13
4. more cloudy skies
5. 14 days
6. **A.** yes  
**B.** cloudy

Name \_\_\_\_\_ Date \_\_\_\_\_

### Thinking About Winter Skies

Answer the questions. Use your data table and graph.

1. Which type of sky did you see *most* often?  
\_\_\_\_\_
2. Which type of sky did you see *least* often?  
\_\_\_\_\_
3. How many sunny *and* partly cloudy skies were there in all?  
\_\_\_\_\_
4. Were there more cloudy skies or more sunny skies?  
\_\_\_\_\_
5. How many days are there in half of this winter month?  
\_\_\_\_\_
6. **A.** Was any type of sky seen on more than half the days in the month? \_\_\_\_\_  
**B.** Which type of sky was it? \_\_\_\_\_

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**Comparing Fall and Winter Skies  
(SAB pp. 231–232)  
Questions 1–4**

Answers will vary based on student data from *Weather 1* and *Weather 2* labs.\*

Name \_\_\_\_\_ Date \_\_\_\_\_

**Comparing Fall and Winter Skies**

Record your data for each month's weather in the data table.  
Comparing Skies

T Type of Sky	N Number of Days	
	month	month
		
		
		

Use your data table or bar graphs to answer the questions.

- A. Which month had more sunny days? \_\_\_\_\_

B. How many more? \_\_\_\_\_

C. Is this a big difference or a small difference?  
\_\_\_\_\_

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Name \_\_\_\_\_ Date \_\_\_\_\_

- A. Which month had more partly cloudy days?  
\_\_\_\_\_

B. How many more? \_\_\_\_\_

C. Is this a big difference or a small difference?  
\_\_\_\_\_
- A. Which month had more cloudy days? \_\_\_\_\_

B. How many more? \_\_\_\_\_

C. Is this a big difference or a small difference?  
\_\_\_\_\_
- A. When would you expect more cloudy days, an autumn month or a winter month?  
\_\_\_\_\_

B. How can you use your data tables or graphs to answer this question?  
\_\_\_\_\_  
\_\_\_\_\_  
\_\_\_\_\_

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\*Answers and/or discussion are included in the lesson.

**Weather Problems (SAB pp. 235–236)**

**Questions 1–4**

1. 10 sunny days;  $7 + 3 = 10$
2. 5 cloudy days;  $9 - 4 = 5$
3. 13 cloudy days;  $9 + 4 = 13$
4. **A.** yes  
**B.** Solution strategies will vary.  
**C.** Solution strategies will vary.

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Name \_\_\_\_\_ Date \_\_\_\_\_

**Weather Problems**

Michael and Kim compared weather data they collected for four months. They recorded their data on the *Weather Data* page. Use that data and your tools to answer these questions.

1. How many sunny days did they record altogether for December and November? \_\_\_\_\_  
 Write a number sentence to show how you found the answer.  
 \_\_\_\_\_
2. How many more cloudy days were there in September than in October? \_\_\_\_\_  
 Write a number sentence to show how you found the answer.  
 \_\_\_\_\_
3. How many days altogether were cloudy in September and October?  
 \_\_\_\_\_  
 Write a number sentence to show how you found the answer.  
 \_\_\_\_\_

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Name \_\_\_\_\_ Date \_\_\_\_\_

✓ **Check-In: Question 4**

4. **A.** They found there were 39 sunny days in the four months. Is their total correct? \_\_\_\_\_
- B.** Show or tell how you decided.  
 \_\_\_\_\_  
 \_\_\_\_\_  
 \_\_\_\_\_
- C.** What is another way to find the total number of sunny days?  
 \_\_\_\_\_  
 \_\_\_\_\_  
 \_\_\_\_\_

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