

## Section 10.3 Math Link

This worksheet will help you with the Math Link on page 371.

March						
S	M	T	W	T	F	S
Sunday	Monday	Tuesday	Wednesday	Thursday	Friday	Saturday
				1	2	3
4	5	6	7	8	9	10
11	12	13	14	15	16	17
18	19	20	21	22	23	24
25	26	27	28	29	30	31

1. Use the calendar to fill in the following information.

a) First Thursday in March: \_\_\_\_\_

Second Thursday in March: \_\_\_\_\_

Sum of the two numbers: \_\_\_\_\_

b) First Friday in March: \_\_\_\_\_

Second Friday in March: \_\_\_\_\_

Sum of the two numbers: \_\_\_\_\_

c) First Saturday in March: \_\_\_\_\_

Second Saturday in March: \_\_\_\_\_

Sum of the two numbers: \_\_\_\_\_

d) First Sunday in March: \_\_\_\_\_

Second Sunday in March: \_\_\_\_\_

Sum of the two numbers: \_\_\_\_\_

2. Fill in the table.

Term Number	Sum
1	
2	
3	
4	

3. a) Describe what pattern you notice.

b) Look at the sums. Write an expression for the pattern based on the term

number. \_\_\_\_\_

4. Substitute to determine the next three numbers in the pattern:

Term Number	Sum
5	
6	
7	

Name: \_\_\_\_\_

Date: \_\_\_\_\_

**BLM 10-10**  
(continued)

**5. a)** Do you think the same expression would work for a different month?

YES NO Explain. \_\_\_\_\_

**b)** At the bottom of this page, test your prediction using a different month.  
Show your work. Was your prediction accurate? YES NO

Explain. \_\_\_\_\_

\_\_\_\_\_

**6.** Record the numerical coefficient in your expression from #3b). You will use this number to uncover the mystery pattern at the end of the chapter. \_\_\_\_\_