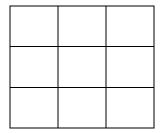
Section 10.2 Math Link

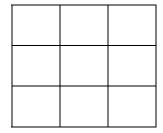
This worksheet will help you with the Math Link on page 364.

- **1.** Outline a 3×3 square on the calendar.
- **2.** Write the numbers in the grid below.



December						
S Sunday		_	Wednesday		_	
						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					

- **3.** What is the sum of all the numbers in your 3×3 square? _____
- **4.** Repeat using a different 3×3 square.



- **5.** What is the sum of the numbers in your new square? _____
- **6.** Look at the middle number in each square. Describe an easy way to find the sum of each 3×3 square using the middle number.

7. Use m to represent the middle number. Write an expression in relation to m for the sum of all the dates in a 3 \times 3 square.

 $\underline{\hspace{1cm}}$ \times m = sum of all the numbers in a 3 \times 3 square

8. Record the numerical coefficient in your expression from #7. You will use this number to uncover the mystery pattern at the end of the chapter. ______