



Enrichments

Patterns, Functions, and Algebra

Grade 4

4. Create a magic square using the numbers 1-16 only once. The sum of each row, column and diagonal is 34. Describe any strategies used to place the numbers.

	9	5	16
	6	10	
		11	
1			

5. Extend and describe the number patterns.

a. 2, 4, 6, 8, 10, _____, _____, _____

b. 1, 3, 9, 27, _____, _____, _____

c. $\frac{1}{2}$, 1, $\frac{3}{2}$, 2, _____, _____, _____