## Number Towers

Α.	Choose the correct answer:		
	1. If the base of level be?	a number tower is 2, and each level adds 2, what will the third	
	a) 4	b) 6	
	c) 8	d) 2	
	2. In a number tower, if the bottom row is 3, 6, 9, what is the next number?		
	a) 10	b) 11	
	c) 12	d) 15	
	3. A number tower is built by adding the two numbers below. If the bottom row is 2, 3, what is the number above them?		
	a) 6	b) 4	
	c) 5	d) 3	
	4. In a number to pattern used?	cower, if the first row is 4, 8, and the next row is 12, what is the	
	a) Subtraction	b) Multiplication	
	c) Addition	d) Division	
	5. What is the top number in this tower: bottom row: 1, 2, second row: 3, top		
	a) 6	b) 5	
	c) 3	d) 4	
В.	Write the Missing Terms to Complete the Sentences:		
	1. In a number t	ower, if the two bottom numbers are 5 and 7, the number above	
	2. 3 + 4 =	_ (used in a number tower step)	
	3. If the second l	evel is 9 and one lower number is 5, the other is	
	4. In a triangle p	attern, the top number comes from the two below	

5. If the bottom row is 2, 4, 6, the next row can be 6, \_\_\_\_\_

	C. Mark each sentence with a True (  ✓ ) or False ( X ):
<b>**</b>	1. In a number tower, the number above is usually the sum of two numbers below
Y	2. All number towers use subtraction
	3. A tower with base 2, 4, 6 will form an addition pattern
\	4. A number tower always gets smaller at the top
	5. Number towers help in learning patterns
	D. Figure out the answers to these questions:
	1. Draw a number tower with base 1, 2, 3 and fill in the next two levels
	2. If the tower has 2, 5 at the bottom, what is the value of the top?
	3. Build a tower with bottom numbers 3, 6, 9, and show the sum-based values above
	4. Complete this number tower: bottom row: 4, 7, second row:
	5. A number tower starts with 5 and adds 3 at every level. What are the next three levels?
1	E. Challenge yourself with these questions:
	1. Create your own number tower using 3 1/2, 4 1/2, and 5
	2. What happens to a number tower if you subtract numbers at each level instead of adding?
	3. Complete the pattern: bottom: 1, 3, 5; next:,; top:
	4. Make a number tower using multiplication pattern from base 2, 4
	5. Fill in a number tower that starts with 10 and reduces by 2 each level.