

NAME _			
	DATE _		
		PERIOD	

## Patterns & Sequences

Write the next 5 terms of each of the following sequences then make them into a table:

1) 1, 4, 7, 10, \_\_\_\_\_, \_\_\_\_\_, \_\_\_\_\_

ı	Тонно	4	2		4	Е	C	7	Q	a
	Term	Τ		3	4	٥	O			3
	Value	1	4	7	10					

What is the pattern?

2) 1, 3, 6, 10, \_\_\_\_, \_\_\_\_

Term	1	2	3	4	5	6	7	8	9
Value									

What is the pattern?

3) 2, 5, 9, 14, \_\_\_\_, \_\_\_, \_\_\_\_

Term	1	2	3	4	5	6	7	8	9
Value									

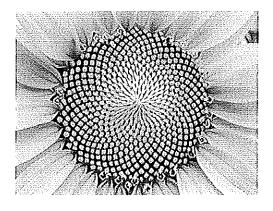
What is the pattern?

In sequences 4 through7, fill in the terms and the values:

Term							
Value				 			
Wh	at is the pa	nttern?					
5) 10,00	00, 1,000,	100, 10	,,	 			
Term							
Value							
Wh	at is the pa	attern?		 			
5) 1, 4,	9, 16,						
Term Value Wha		,			-		
Term Value Wha	9, 16, at is the pa	,					

## Write the next five terms of the famous Fibonacci Sequence:

<u></u>	
TERM	VALUE
X	Υ
1	1
2	1
3	2
4	3
5	5
6	
7	
8	
9	
10	



Describe the Fibonacci Pattern:
beganise the risolideor ratterin

## THE SQUARE SEQUENCE

Ext	tend 1	this o	dot p	atter	n:									
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			Ð	6	ò	•	9	¢	<b>Ø</b>					
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ø	<b>⊗</b> .	. 6	ø	6	0	ø	٥	ø	ø					
	e nun term					n squa	are f	orms	s a sec	quence	of num	nbers. V	Write the f	irst
- 1-	Term Value													
<u>TH</u>	E TR	<u>IAN</u>	GLE	SEQ!	<u>JEN</u>	<u>CE</u>								
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								e for	ms a	sequen	ce of n	umbers	. Write th	е
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1	/alue													
De	escrib	e the	e pat	tern							_			
Ad	d pai	rs of	num	bers	that	are n	ext t	o ea	ch oth	ner in th	ie sequ	ience. \	What do y	ou
nc	tice?													