Examples: Interest rates; COMPOUND Interest

4	Υ	Z	AA	AB	AC	AD	AE	AFAGAH A	AI AJ AKALAMANACAPAQAR AS AT AUA
1		For Compound Interest, compounded annually,							
2		the amount	at the EN	of the ye	ear " x ",				
3		becomes the	amount	on which t	he compo	und interest i	for t	he year "x+	+1" is calculated,
4		and so on.							
5									
		Principal	\$100.00						COMPOUND interest
6		amount					Ц.		COMPOUND interest
		COMPOUND	5.00%						cumulative (total amount)
		Interest							at the end of the year
7		Rate					Ш	\$220.00	
		amount	year#	interest	interest	cumulativ			\$207.85
		on which		rate	earned	(total		\$210.00	85
		the		for	for	amount)			5,1913
		interest is		the year	the year	at the end		\$200.00	g 57/
8		calculated				of the year	ŀ		\$188.56 \$
9								\$190.00	\$ 9
10		\$100.00	1	5.00%	\$5.00	\$105.00	0		6 179.59
11		\$105.00	4 2	5.00%	\$5.25	\$110.25	5	\$180.00	80.171
12		\$110.25	4 3	5.00%	\$5.51	<u></u> \$115.76	6		8 57
13		\$115.76	4	5.00%	\$5.79	\$121.55	5	\$170.00	2152 2452.88
14		\$121.55	5	5.00%	\$6.08	\$127.63	3		\$155.13
15		\$127.63	6	5.00%	\$6.38	\$134.01	1	\$160.00	25.03
16		\$134.01	7	5.00%	\$6.70	\$140.71	1		17.147.75
17		\$140.71	8	5.00%	\$7.04	\$147.75	5	\$150.00	2140,71
18		\$147.75	9	5.00%	\$7.39	\$155.13	3		g 2/2
19		\$155.13	10	5.00%	\$7.76	\$162.89	9	\$140.00	51.54.01
20		\$162.89	11	5.00%	\$8.14	\$171.03	3		
21	П	\$171.03	12	5.00%	\$8.55	\$179.59	9	\$130.00	
22		\$179.59	13	5.00%	\$8.98	\$188.56	6		
23		\$188.56	14	5.00%	\$9.43	\$197.99	9	\$120.00	
24		\$197.99	15	5.00%	\$9.90	\$207.89	9		85.00
25								\$110.00	\$ 500
26									*
27								\$100.00	
28								0	0 1 2 3 4 5 6 7 8 9 10111213141516
29									
30		with COMPO	UND in	terest					
31		TOTAL afte							
32		= Prncpl A			(intrst	rate) 1^	(#	of vrs)	}
33		_		[1+)]^		15)	
34		-				100))]^			}
35		-		[1+)]^			3
36		-	0 × {		1.05	, ,		15	}
37		= \$100.0			2.078				3
		Q100.0	~ 1		2.070.	-			