

2011 - 2010 :				
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04	04	:																
		<table border="1" style="margin-left: auto; margin-right: auto;"> <tr> <td></td> <td>(%)</td> <td>(%)</td> </tr> <tr> <td>0,75</td> <td>////////////////////</td> <td>25</td> </tr> <tr> <td>1,25</td> <td>25</td> <td>////////////////////</td> </tr> <tr> <td>0,55</td> <td>////////////////////</td> <td>45</td> </tr> <tr> <td>1,06</td> <td>06</td> <td>////////////////////</td> </tr> <tr> <td>3,5</td> <td>250</td> <td>////////////////////</td> </tr> </table>		(%)	(%)	0,75	////////////////////	25	1,25	25	////////////////////	0,55	////////////////////	45	1,06	06	////////////////////	3,5
	(%)	(%)																
0,75	////////////////////	25																
1,25	25	////////////////////																
0,55	////////////////////	45																
1,06	06	////////////////////																
3,5	250	////////////////////																
04	01.5	. (1)																
		<table border="1" style="margin-left: auto; margin-right: auto;"> <tr> <td></td> <td>2006</td> <td>2007</td> <td>2008</td> <td>2009</td> </tr> <tr> <td></td> <td>2000</td> <td>2500</td> <td>1500</td> <td>3000</td> </tr> <tr> <td></td> <td>100</td> <td>125</td> <td>75</td> <td>150</td> </tr> </table>		2006	2007	2008	2009		2000	2500	1500	3000		100	125	75	150	
	2006	2007	2008	2009														
	2000	2500	1500	3000														
	100	125	75	150														
		: 2009 2006 (2)																
	01	$I - 100 = 150 - 10 = 50\%$																
		: 2009 2007																
	01.5	$\left(\frac{x_2}{x_1} - 1\right) \times 100 = \left(\frac{3000}{2500} - 1\right) \times 100 = 20\%$																
		. r (u_n)																
	04	. $u_{12} = 19 \quad u_3 = 1 :$																
	0.75	$r = 2 \quad 19 = 1 + 9r \quad u_{12} = u_3 + 9r$ (1)																
	0.75	$u_0 = -5 \quad 1 = u_0 + 6 \quad u_3 = u_0 + 3r$																
	0.5	$u_n = -5 + 2n : n \quad u_n$ (2)																
	0.5	$u_{14} = 23 :$ (3)																

	0.5	$n = 41 \quad -5 + 2n = 77 \quad u_n = 77$ (4)	
	01	$S = u_0 + u_1 + u_2 + \dots + u_{41} = \frac{42}{2}(-5 + 77) = 1512$ (5)	
		$.0,5 \quad u_1 = 24 \quad (u_n)$	
04	0.75	$. u_2 = 24 \times 0,5 = 12$ (1)	
	0.75	$. u_3 = 12 \times 0,5 = 6$	
	0.75	$. u_4 = 6 \times 0,5 = 3$	
	0.75	$u_n = 24 \times (0,5)^{n-1} : n \quad u_n$ (2)	
	01	$. S = u_1 + u_2 + \dots + u_{10} = 24 \times \left(\frac{1 - (0,5)^{10}}{1 - 0,5} \right) = 47,953125$ (3)	
		$8 \quad 1 \quad 8$	
		$:$	
04		$. "$	$" : A$
	0.75	$. " 3$	$" : B$
	0.75		$. A = \{1;3;5;7\}$
	0.75		$. B = \{3;4;5;6;7;8\}$
	0.75		$A \cup B = \{1;3;4;5;6;7;8\}$
	0.75		$. \bar{A} \cap \bar{B} = \{2;4;6;8\} \cap \{1;2\} = \{2\}$
	01		$. \overline{A \cap B} = \overline{\{3;5;7\}} = \{1;2;4;6;8\}$