

Feuille1

EXERCICE 1

Annees	Emprunt restant du	Interet	Amortissement	Annuite	Valeur Nette
1	50000	5000	10000	15000	40000
2	40000	4000	10000	14000	30000
3	30000	3000	10000	13000	20000
4	20000	2000	10000	12000	10000
5	10000	1000	10000	11000	0

EXERCICE 2

Annees	Emprunt restant du	Interet	Amortissement	Annuite	Valeur Nette
1	50000	5000	8189.8740397373	13189.87404	41810.12596
2	41810.1259602627	4181.012596	9008.861443711	13189.87404	32801.26452
3	32801.2645165518	3280.126452	9909.7475880821	13189.87404	22891.51693
4	22891.5169284697	2289.151693	10900.72234689	13189.87404	11990.79458
5	11990.7945815794	1199.079458	11990.794581579	13189.87404	5.09317E-11

EXERCICE 3

Annuités
dégressives

Annees	Emprunt restant du	Interet	Amortissement	Annuite	Valeur Nette
1	200000	24000	25000	49000	175000
2	175000	21000	25000	46000	150000
3	150000	18000	25000	43000	125000
4	125000	15000	25000	40000	100000
5	100000	12000	25000	37000	75000
6	75000	9000	25000	34000	50000
7	50000	6000	25000	31000	25000
8	25000	3000	25000	28000	0

Annuités constantes

Annees	Emprunt restant du	Interet	Amortissement	Annuite	Valeur Nette
1	200000	24000	16260.56827532	40260.56828	183739.4317
2	183739.43172468	22048.73181	18211.836468358	40260.56828	165527.5953
3	165527.595256322	19863.31143	20397.256844561	40260.56828	145130.3384
4	145130.33841176	17415.64061	22844.927665909	40260.56828	122285.4107
5	122285.410745851	14674.24929	25586.318985818	40260.56828	96699.09176

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6	96699.0917600334	11603.89101	28656.677264116	40260.56828	68042.4145
7	68042.4144959174	8165.08974	32095.47853581	40260.56828	35946.93596
8	35946.9359601074	4313.632315	35946.935960107	40260.56828	2.98314E-10

EXERCICE 4

Mois	Emprunt restant du	Interet	Amortissement	Mensualite	Valeur Nette
Janvier	100000	750	2429.973265994	3179.973266	97570.02673
Fevrier	97570.026734006	731.7752005	2448.198065489	3179.973266	95121.82867
Mars	95121.8286685169	713.413715	2466.5595509802	3179.973266	92655.26912

Feuille2

Annees	Emprunt restant du	Interet	Amortissement	Annuite	Valeur Nette
1	20000	1000	4640.23665206925	5640.236652	14359.76335
2					
3					
4					