

mathématiques/Semestre 4/Algèbre 4/groupe 1			
Matricule	Note		
191935014965	0.0		
202035013182	4.0		
191935008658	3.5		
191935009958	12.5		
181835010842	2.0		
191935011724	4.5		
181835013755	1.0		
181835002674	0.0		
202035004251	3.5		
191935001314	4.0		
181835011102	4.0		
191935009094	6.8		
202035014809	4.5		
191935006115	6.0		
202035015646	0.0		
191935009738	2.0		
191935003995	0.0		
171735014430	3.5		
202035016980	0.0		
181834006927	6.0		
202035015033	3.0		
202035010102	0.0		
202035014399	6.0		
202035014094	0.0		
191935009791	6.5		
191935010158	7.0		
202035007384	0.0		
191935009853	10.0		
202035006044	4.5		
202035012227	7.0		
191935009184	8.5		

191935004753	3.5		
202035013126	7.0		
191935016782	0.0		
202035017703	5.5		
202035014858	7.5		
191935004411	3.0		
191935008448	4.5		
181835013013	0.0		
191935009870	5.3		
191935009124	3.5		
191935007537	5.5		
191935016790	2.0		
191935014090	5.0		
202035006300	1.0		
191935016727	6.4		
191935024642	2.0		
181834003789	2.5		
202035016880	3.5		
202035006238	1.5		
191935013162	9.0		
191935012460	4.0		
191935013158	5.5		
191935014805	4.8		
191935005909	6.5		
202035011244	0.0		

mathématiques/Semestre 4/Analyse 4/groupe 1

Matricule	Note
191935014965	4.0
191935014075	12.7
202035013182	19.0
191935008658	7.0
181835010842	8.0
191935011724	11.4
181835013755	10.0
202035004251	4.0
191935001314	11.0
181835011102	6.5
191935008668	9.0
191935009094	11.4
191935005171	10.7
202035015646	3.5
191935003995	6.0
171735014430	14.5
202035016980	5.0
181834006927	10.5
202035015033	8.0
202035014094	7.5
191935009791	11.0
191935010158	10.0
202035007384	3.0
191935009853	11.5
202035010094	15.5
191935009184	11.2
181835013670	3.0
191935005993	12.7
191935004753	12.1
202035013126	14.0
202035017703	7.0
202035014858	20.0
181835013013	5.5
191935009870	10.0
191935009124	8.0
191935007537	10.0
191935014090	11.0
202035006300	10.0
191935016727	12.1
191935024642	7.5
202035006238	9.0
191935013162	9.0
191935012460	16.5
191935013158	11.8
191935014805	14.5

191935005909	11.6
202035011244	7.0
202035004176	4.0
191935005015	10.3

mathématiques/Semestre 4/Analyse numérique 2/groupe 1

Matricule	Note
202035013182	5.0
191935008658	4.0
191935009958	15.0
181835010842	4.0
191935011724	12.0
181835013755	5.0
202035004251	6.0
191935001314	10.0
181835011102	8.0
191935006115	10.0
202035015646	2.0
191935009738	4.0
171735014430	16.0
202035016980	17.0
181834006927	10.0
202035015033	10.0
202035010102	10.0
202035014399	14.0
191935009791	11.0
191935016820	17.0
202035005902	10.0
202035007384	5.0
191935009853	10.4
202035006044	10.0
171735009047	5.0
202035013192	8.0
191935009184	9.0
181835013670	7.0
191935004753	7.0
202035013126	10.0
202035005918	10.0
191935016782	15.0
202035017703	10.0
202035014858	13.0
191935004411	6.0
191935008448	10.0
181835013013	3.0
191935009124	9.0
191935007537	12.0
191935016790	17.0
191935014090	13.0
202035006300	4.0
191935016727	17.0
191935024642	4.0
191935014797	15.0

202035016880	8.0
202035006238	10.0
191935013162	14.0
191935012460	6.0
191935013158	12.3
191935014805	10.0
202035004176	5.0

mathématiques/Semestre 4/Analyse numérique 2/groupe 1

Matricule	Note
202035011223	16.0
191935014965	13.0
191935014075	17.0
202035013182	17.0
191935008658	17.0
191935009958	18.0
181835010842	13.0
191935011724	12.0
181835013755	14.0
202035016331	17.0
202035004983	15.0
181835018044	16.0
181835002674	14.0
202035004251	17.0
191935001314	10.0
181835011102	14.0
191935008668	16.0
191935009094	13.0
202035005215	19.0
202035023786	0.0
191935005171	10.0
202035014809	19.0
191935006115	16.0
202035017263	16.0
202035015646	0.0
191935009738	8.0
191935003995	0.0
202035011452	19.0
171735014430	19.0
202035016980	19.0
181834006927	14.0
202039045952	14.0
202035015033	14.0
202035010102	13.0
202035002530	0.0
191935012872	19.0
202035014399	19.0
202035014094	12.0
191935009791	13.0
191935010158	13.0
202035016861	19.0
191935016820	19.0
202035005902	10.0
202035024519	19.0
202035007384	6.0

191935009853	10.4
202035010094	16.0
202035006044	15.0
171735009047	14.0
202035013204	16.0
202035012227	18.0
202035017258	16.0
181935026387	18.0
202035013192	14.0
202035005737	0.0
202035014742	18.0
191935001354	0.0
202035011196	17.0
191935009184	16.0
181835013670	14.0
191935005993	16.0
202035002065	0.0
191935004753	0.0
202035013126	16.0
202035023032	0.0
202035016956	19.0
202035005918	17.0
191935016782	15.0
202035013209	17.0
202035013122	0.0
202035027320	16.0
202035017703	14.0
202035014858	16.0
191935004411	17.0
191935008448	17.0
181835013013	13.0
191935009870	18.0
202035012201	0.0
191935009124	12.0
191935007537	15.0
202035001532	16.0
191935016790	18.0
202035017259	16.0
191935014090	9.0
202035006300	13.0
202035005769	15.0
191935016727	18.0
191935024642	13.0
202035005132	14.0
191935014312	9.0
182035023871	16.0
202035013210	19.0

202035017265	16.0
181834003789	12.0
191935014797	19.0
202035006059	19.0
202035016880	16.0
202035006238	19.0
191935008585	0.0
191935013162	19.0
191935012460	12.0
191935013158	12.3
202035002428	19.0
191935014805	14.0
171735014345	19.0
191935005909	19.0
202035015370	12.0
202035011244	15.0
202035004176	15.0
191935005015	19.0
202035024354	19.0

mathématiques/Semestre 4/Analyse complexe/groupe 1

Matricule	Note
191935014965	8.5
191935014075	9.0
202035013182	9.0
191935009958	8.0
181835010842	8.5
191935011724	12.8
181835013755	9.0
202035004251	9.0
191935001314	9.5
181835011102	9.0
191935008668	6.5
191935009094	13.3
191935005171	10.1
202035014809	11.0
191935006115	4.5
202035015646	3.0
191935009738	7.0
171735014430	11.5
202035016980	4.75
181834006927	11.9
202035015033	12.5
202035010102	7.0
202035014399	12.5
202035014094	15.0
191935009791	11.6
191935010158	13.0
202035005902	9.25
202035007384	12.25
191935009853	9.0
202035010094	14.0
202035006044	13.25
171735009047	10.0
202035012227	15.0
191935009184	13.0
181835013670	12.7
191935004753	15.0
202035013126	7.25
202035014858	11.5
191935004411	16.5
191935008448	13.0
181835013013	10.2
191935009870	19.0
191935009124	12.7
191935007537	10.5
191935016790	5.5

191935014090	14.5
202035006300	11.75
191935016727	11.9
191935024642	7.0
182035023871	13.75
191935014797	11.0
202035016880	15.0
202035006238	10.0
191935013162	9.0
191935012460	10.0
191935013158	10.0
191935014805	10.0
191935005909	7.5
202035015370	12.0
202035011244	7.5
191935005015	8.5

mathématiques/Semestre 4/Analyse complexe/groupe 1

Matricule	Note
202035011223	14.0
191935014965	15.5
191935014075	15.5
202035013182	15.5
191935008658	15.0
191935009958	15.5
181835010842	15.5
191935011724	12.8
181835013755	15.5
202035016331	16.0
202035004983	20.0
181835018044	16.0
181835002674	11.0
202035004251	15.5
191935001314	15.5
181835011102	15.5
191935008668	15.0
191935009094	13.3
202035005215	
202035023786	
191935005171	10.1
202035014809	16.0
191935006115	14.5
202035017263	13.25
202035015646	13.0
191935009738	11.0
191935003995	
202035011452	16.0
171735014430	11.0
202035016980	
181834006927	11.9
202039045952	13.0
202035015033	15.0
202035010102	15.0
202035002530	
191935012872	16.0
202035014399	17.0
202035014094	17.0
191935009791	11.6
191935010158	16.5
202035016861	15.5
191935016820	12.5
202035005902	15.5
202035024519	12.25
202035007384	17.0

191935009853	15.5
202035010094	17.0
202035006044	17.0
171735009047	16.0
202035013204	11.5
202035012227	18.5
202035017258	14.5
181935026387	16.0
202035013192	17.0
202035005737	
202035014742	16.0
191935001354	
202035011196	16.0
191935009184	17.0
181835013670	12.7
191935005993	13.5
202035002065	
191935004753	18.0
202035013126	15.0
202035023032	
202035016956	13.0
202035005918	14.5
191935016782	14.5
202035013209	15.0
202035013122	
202035027320	14.5
202035017703	15.0
202035014858	16.5
191935004411	18.0
191935008448	17.0
181835013013	10.2
191935009870	19.0
202035012201	
191935009124	12.7
191935007537	16.0
202035001532	18.0
191935016790	15.5
202035017259	13.0
191935014090	17.0
202035006300	16.5
202035005769	12.5
191935016727	11.9
191935024642	15.0
202035005132	11.0
191935014312	11.0
182035023871	17.0
202035013210	16.0

202035017265	12.0
181834003789	11.0
191935014797	15.5
202035006059	
202035016880	18.0
202035006238	15.5
191935008585	
191935013162	15.0
191935012460	15.5
191935013158	15.5
202035002428	16.5
191935014805	10.0
171735014345	15.0
191935005909	15.0
202035015370	17.0
202035011244	15.0
202035004176	11.0
191935005015	15.5
202035024354	16.5

mathématiques/Semestre 4/probabilités/groupe 1

Matricule	Note
191935014965	0.25
191935008658	3.5
191935011724	2.25
181835013755	2.0
202035004251	6.5
191935001314	5.5
181835011102	2.25
191935008668	5.25
202035014809	4.75
191935006115	0.25
191935009738	0.0
171735014430	0.25
202035016980	0.25
181834006927	1.75
202035015033	0.5
202035010102	2.0
202035014399	3.0
202035014094	4.25
191935009791	1.75
191935010158	1.25
202035005902	3.25
202035007384	4.75
191935009853	6.75
202035010094	4.0
202035006044	3.25
171735009047	0.75
202035012227	9.75
202035013192	2.0
191935004753	2.25
202035017703	0.5
202035014858	8.75
181835013013	4.25
191935009870	2.5
191935016790	0.25
191935014090	0.75
191935016727	0.25
191935024642	0.5
182035023871	3.5
202035016880	3.0
202035006238	2.0
191935013162	4.25
191935014805	5.0
191935005909	0.75
202035015370	8.75
202035011244	5.0

mathématiques/Semestre 4/Géométrie/groupe 1

Matricule	Note
191935014965	6
202035013182	10.5
191935008658	7.25
191935009958	9
181835010842	9
191935011724	10.5
181835013755	10.75
202035004251	6
191935001314	12
181835011102	10
191935009094	13.25
202035014809	7.75
191935006115	4.5
202035015646	3.5
191935009738	6.5
191935003995	9.5
171735014430	7.25
202035016980	4.25
202035015033	13.25
202035010102	7
202035014399	12
202035014094	10
191935009791	11
191935010158	11
202035005902	16
202035007384	5.75
191935009853	10.2
202035010094	11.5
202035006044	10
171735009047	6.5
202035013192	10
191935009184	10
181835013670	6.25
191935005993	11.5
191935004753	10.0
191935016782	6.75
202035017703	7.5
202035014858	13
191935004411	12
181835013013	8
191935009870	11
191935009124	8.25
191935007537	11
191935016790	10
191935014090	12.5
202035006300	9
191935016727	10
191935024642	6

181834003789	10	
202035016880	12	
202035006238	10.5	
191935012460	9.75	
191935005909	10.3	
202035011244	10.25	
202035004176	9	
191935005015	11	
191935013995	9	progression
181835014967	12	progression
191935013923	15.3	progression

mathématiques/Semestre 4/Géométrie/groupe 1

Matricule	Note
202035011223	11
191935014965	11
191935014075	13.5
202035013182	10.1
191935008658	10.1
191935009958	10.6
181835010842	12.5
191935011724	13.5
181835013755	12.25
202035016331	16
202035004983	14.1
181835018044	12.8
181835002674	
202035004251	11
191935001314	12.3
181835011102	10.5
191935008668	12.1
191935009094	13.3
202035005215	10
202035023786	
191935005171	
202035014809	11.6
191935006115	10.25
202035017263	12.75
202035015646	10
191935009738	11.25
191935003995	
202035011452	12.3
171735014430	11.7
202035016980	10
181834006927	11.6
202039045952	13.75
202035015033	10.5
202035010102	11.5
202035002530	
191935012872	13.1
202035014399	11.8
202035014094	10.5
191935009791	11
191935010158	12.25
202035016861	12.5
191935016820	9.25
202035005902	12.8
202035024519	13
202035007384	10.8

191935009853	10.2
202035010094	12
202035006044	12.5
171735009047	11.25
202035013204	14.25
202035012227	13.75
202035017258	11.5
181935026387	14
202035013192	11
202035005737	
202035014742	13.5
191935001354	8.25
202035011196	13.5
191935009184	12
181835013670	11.25
191935005993	11.5
202035002065	
191935004753	10.0
202035013126	12
202035023032	
202035016956	14.25
202035005918	14
191935016782	10
202035013209	12.25
202035013122	
202035027320	15.75
202035017703	11
202035014858	12.5
191935004411	10.5
191935008448	14
181835013013	12
191935009870	10
202035012201	8.5
191935009124	10
191935007537	13.5
202035001532	11.5
191935016790	13
202035017259	11.5
191935014090	10.25
202035006300	10.25
202035005769	11
191935016727	13
191935024642	11
202035005132	14.25
191935014312	8
182035023871	12.3
202035013210	13.7

202035017265	12.5	
181834003789	11.5	
191935014797	14.1	
202035006059	11.5	
202035016880	13.3	
202035006238	13.25	
191935008585		
191935013162	13.1	
191935012460	12.8	
191935013158	13	
202035002428	13.8	
191935014805	14.1	
171735014345	15	
191935005909	10.3	
202035015370	15.25	
202035011244	12	
202035004176	12.5	
191935005015	12.25	
202035024354	17	
191935013995	14.5	progression
181835014967	16	progression
191935013923	15.3	progression

Notes: mathématiques / Semestre 4

N°	Matricule	Crédit acquis	Moyenne
1	202035024354	30	15.64
2	181935026387	30	14.33
3	202035004983	30	14.16
4	202035001532	30	13.93
5	202035014742	30	13.23
6	202035014858	30	13.14
7	202035002428	30	13.13
8	171735014345	30	13.06
9	202035016331	30	12.95
10	191935012872	30	12.89
11	202035010094	30	12.72
12	202039045952	30	12.6
13	202035017263	30	12.05
14	202035013210	30	12.05
15	202035016880	30	11.99
16	202035014399	30	11.99
17	191935009958	30	11.82
18	202035013182	30	11.53
19	202035011196	30	11.52
20	202035016861	30	11.32
21	191935009853	30	11.29
22	191935007537	30	11.29
23	202035011452	30	11.23
24	191935014075	30	11.17
25	202035013192	30	11.09
26	202035006044	30	11.08
27	202035005902	30	11.05
28	202035013209	30	10.96
29	202035027320	30	10.93
30	191935013162	30	10.92
31	191935001314	30	10.91
32	191935005015	30	10.9
33	191935014090	30	10.85
34	191935016727	30	10.81
35	191935013158	30	10.79
36	171735014430	30	10.76
37	202035017259	30	10.65
38	191935010158	30	10.62
39	202035013126	30	10.56
40	191935009094	30	10.5
41	202035012227	30	10.46
42	202035024519	30	10.46
43	191935009791	30	10.42
44	202035005918	30	10.39
45	191935012460	30	10.37

46	191935011724	30	10.35
47	202035014809	30	10.3
48	191935014805	30	10.29
49	191935005909	30	10.26
50	202035015370	30	10.24
51	191935005993	30	10.23
52	191935016790	30	10.21
53	191935009184	30	10.21
54	191935008448	30	10.18
55	182035023871	30	10.16
56	181834006927	30	10.15
57	202035015033	30	10.14
58	181835018044	30	10.11
59	191935009870	30	10.11
60	191935014797	30	10.01
61	202035011223	20	9.98
62	191935004753	23	9.95
63	202035017265	17	9.85
64	202035005132	17	9.83
65	202035017258	20	9.83
66	202035006238	22	9.78
67	202035010102	19	9.73
68	181835013755	18	9.7
69	202035016956	18	9.67
70	191935009124	11	9.6
71	191935006115	14	9.39
72	202035014094	14	9.31
73	202035011244	14	9.26
74	202035006300	7	9.16
75	181835011102	14	9.15
76	191935004411	13	9.13
77	202035004251	7	8.99
78	191935008668	2	8.94
79	191935016820	11	8.81
80	202035005769	6	8.77
81	191935009738	10	8.66
82	202035017703	11	8.6
83	171735009047	7	8.55
84	191935024642	7	8.54
85	181835010842	10	8.45
86	181835013670	7	8.12
87	181834003789	16	8.07
88	181835013013	7	7.93
89	191935008658	2	7.87
90	191935005171	15	7.57
91	191935016782	6	7.48
92	202035007384	7	7.32

93	202035016980	6	7.18
94	191935014965	7	7.09
95	202035013204	5	7.02
96	202035004176	5	6.1
97	202035015646	2	5.36
98	202035005215	2	4.9
99	202035006059	2	4.48
100	191935014312	2	3.81
101	181835002674	0	2.7
102	202035012201	0	2.18
103	191935003995	0	1.8
104	202035023786	2	1.12
105	191935001354	0	0.8
106	202035023032	0	0.67
107	191935008585	0	0
108	202035002530	0	0
109	202035005796	0	0
110	202035013122	0	0
111	202035005737	0	0
112	202035002065	0	0