



SAVITRIBAI PHULE PUNE UNIVERSITY
(Formerly University of Pune)
Department of Physics

Effective Marks of Savitribai Phule Pune University Students only

Any query related to marks or calculations please write to admin@physics.unipune.ac.in on or before 5:00 P.M., Tuesday, 27/06/2017 Or Visit Department of Physics, Savitribai Phule Pune University administration office.

Seat No	Application NO	Entrance Marks	Entrance Test marks out of 75 (A)	Principle total marks out of 1200	Principle total out of 75 (B)	Effective marks (A+B) (#/150)
14076	170402653	46	23	1009	63.0625	86.0625
16001	170403087	9	4.5	919	57.4375	61.9375
16002	170501529	4	2	808	50.5	52.5
16004	170500612	26	13	915	57.1875	70.1875
16005	170402373	23	11.5	1010	63.125	74.625
16006	170400360	22	11	704	44	55
16007	170501283	3	1.5	851	53.1875	54.6875
16008	170403978	-2	-1	829	51.8125	50.8125
16009	170502582	9	4.5	999	62.4375	66.9375
16010	170406180	-9	-4.5	767	47.9375	43.4375
16011	170404821	17	8.5	1029	64.3125	72.8125
16012	170403122	11	5.5	799	49.9375	55.4375
16013	170503035	9	4.5	920	57.5	62
16014	170402989	4	2	978	61.125	63.125
16015	170500164	40	20	660	41.25	61.25
16016	170403872	21	10.5	931	58.1875	68.6875
16017	170501078	31	15.5	981	61.3125	76.8125
16018	170506557	15	7.5	941	58.8125	66.3125
16019	170404747	8	4	827	51.6875	55.6875
16020	170403854	1	0.5	950	59.375	59.875

16021	170508819	18	9	957	59.8125	68.8125
16022	170502752	22	11	889	55.5625	66.5625
16023	170406387	4	2	936	58.5	60.5
16024	170501250	7	3.5	1004	62.75	66.25
16026	170403290	18	9	997	62.3125	71.3125
16027	170503924	-5	-2.5	960	60	57.5
16028	170404863	12	6	1014	63.375	69.375
16029	170402236	10	5	862	53.875	58.875
16030	170404976	16	8	957	59.8125	67.8125
16031	170406324	-2	-1	795	49.6875	48.6875
16032	170406307	20	10	969	60.5625	70.5625
16033	170402519	1	0.5	867	54.1875	54.6875
16034	170503854	17	8.5	889	55.5625	64.0625
16035	170503828	18	9	936	58.5	67.5
16036	170500590	5	2.5	986	61.625	64.125
16037	170403827	2	1	1052	65.75	66.75
16038	170402232	1	0.5	931	58.1875	58.6875
16039	170507376	21	10.5	1003	62.6875	73.1875
16040	170402606	23	11.5	1014	63.375	74.875
16041	170500722	30	15	853	53.3125	68.3125
16042	170508301	17	8.5	892	55.75	64.25
16043	170508560	-13	-6.5	708	44.25	37.75
16044	170502682	25	12.5	1100	68.75	81.25
16045	170500715	14	7	911	56.9375	63.9375
16046	170405117	36	18	1099	68.6875	86.6875
16047	170403168	19	9.5	846	52.875	62.375
16048	170501296	9	4.5	933	58.3125	62.8125
16049	170403274	14	7	968	60.5	67.5
16051	170503005	-1	-0.5	952	59.5	59
16052	170500749	-10	-5	904	56.5	51.5
16053	170404515	6	3	1091	68.1875	71.1875
16054	170502946	10	5	940	58.75	63.75
16055	170406644	-3	-1.5	980	61.25	59.75
16057	170503819	-9	-4.5		0	-4.5
16058	170401955	-2	-1	860	53.75	52.75

16060	170502469	12	6	783	48.9375	54.9375
16062	170502480	0	0	925	57.8125	57.8125
16063	170500546	26	13	927	57.9375	70.9375
16064	170508556	21	10.5	989	61.8125	72.3125
16065	170404169	25	12.5	903	56.4375	68.9375
16066	170508293	15	7.5	883	55.1875	62.6875
16069	170402311	3	1.5	763	47.6875	49.1875
16070	170402132	19	9.5	890	55.625	65.125
16071	170504318	8	4	911	56.9375	60.9375
16072	170505262	2	1	847	52.9375	53.9375
16073	170403071	13	6.5	825	51.5625	58.0625
16074	170504138	1	0.5		0	0.5
16075	170403120	18	9	893	55.8125	64.8125
16076	170405039	-5	-2.5	959	59.9375	57.4375
16077	170509968	20	10	940	58.75	68.75
16078	170405159	16	8	990	61.875	69.875
16079	170503018	8	4	925	57.8125	61.8125
16080	170502423	23	11.5	885	55.3125	66.8125
16081	170507820	15	7.5	741	46.3125	53.8125
16082	170406127	22	11	810	50.625	61.625
16083	170507483	24	12	1008	63	75
16084	170506790	14	7	837	52.3125	59.3125
16085	170501863	7	3.5	739	46.1875	49.6875
16086	170501231	2	1	975	60.9375	61.9375
16087	170405291	-3	-1.5	869	54.3125	52.8125
16088	170403093	17	8.5	923	57.6875	66.1875
16089	170502599	9	4.5	851	53.1875	57.6875
16090	170402063	16	8	1010	63.125	71.125
16093	170405628	30	15	1022	63.875	78.875
16094	170400378	43	21.5	1032	64.5	86
16095	170402350	57	28.5	1092	68.25	96.75
16096	170403330	12	6	830	51.875	57.875
16097	170508062	11	5.5	855	53.4375	58.9375
16098	170403803	12	6	907	56.6875	62.6875
16099	170404649	2	1	974	60.875	61.875

16100	170501401	14	7	749	46.8125	53.8125
16101	170401648	12	6	765	47.8125	53.8125
16102	170504797	-3	-1.5	926	57.875	56.375
16103	170503847	-2	-1	960	60	59
16104	170402118	26	13	824	51.5	64.5
16105	170500260	6	3	1097	68.5625	71.5625
16106	170404007	14	7	1010	63.125	70.125
16107	170402527	12	6	823	51.4375	57.4375
16108	170403065	5	2.5	959	59.9375	62.4375
16109	170504101	2	1	953	59.5625	60.5625
16110	170402806	28	14	891	55.6875	69.6875
16112	170502956	12	6	898	56.125	62.125
16113	170403417	-10	-5	845	52.8125	47.8125
16114	170501072	11	5.5	983	61.4375	66.9375
16115	170403656	5	2.5	869	54.3125	56.8125
16116	170402395	44	22	992	62	84
16117	170403709	7	3.5	1010	63.125	66.625
16118	170402399	27	13.5	785	49.0625	62.5625
16119	170402422	8	4	985	61.5625	65.5625
16120	170400357	22	11	869	54.3125	65.3125
16121	170501239	-10	-5	1071	66.9375	61.9375
16123	170403874	13	6.5	775	48.4375	54.9375
16124	170403733	22	11	902	56.375	67.375
16126	170405567	20	10		0	10
16127	170403077	68	34	1076	67.25	101.25
16128	170508800	62	31	836	52.25	83.25
16129	170403157	22	11	1027	64.1875	75.1875
16130	170400565	2	1	935	58.4375	59.4375
16131	170500424	8	4	1084	67.75	71.75
16133	170406522	18	9	978	61.125	70.125
16134	170400568	17	8.5	924	57.75	66.25
16135	170406632	41	20.5	1004	62.75	83.25
16136	170403415	11	5.5	868	54.25	59.75
16137	170504862	46	23	1022	63.875	86.875
16138	170500275	12	6	968	60.5	66.5

16139	170502083	-2	-1	942	58.875	57.875
16140	170405033	8	4	893	55.8125	59.8125
16141	170403953	39	19.5	784	49	68.5
16142	170403930	5	2.5	1045	65.3125	67.8125
16143	170403202	7	3.5	1001	62.5625	66.0625
16144	170402080	6	3	922	57.625	60.625
16145	170402432	-5	-2.5	872	54.5	52
16146	170507723	15	7.5	757	47.3125	54.8125
16148	170503203	-2	-1	776	48.5	47.5
16149	170403843	7	3.5	919	57.4375	60.9375
16150	170403055	-7	-3.5	732	45.75	42.25
16151	170406515	-1	-0.5	794	49.625	49.125
16152	170502059	19	9.5	850	53.125	62.625
16153	170402420	27	13.5	1059	66.1875	79.6875
16154	170500976	22	11	890	55.625	66.625
16155	170402992	-8	-4	854	53.375	49.375
16156	170406398	0	0	749	46.8125	46.8125
16157	170403095	26	13	884	55.25	68.25
16158	170400562	22	11	919	57.4375	68.4375
16159	170501029	1	0.5	951	59.4375	59.9375
16160	170402707	14	7	937	58.5625	65.5625
16162	170403020	-6	-3	844	52.75	49.75
16163	170502559	9	4.5	899	56.1875	60.6875
16164	170403716	12	6	982	61.375	67.375
16165	170405006	18	9	1049	65.5625	74.5625
16166	170501343	30	15	1129	70.5625	85.5625
16167	170402387	9	4.5	984	61.5	66
16168	170508120	31	15.5	833	52.0625	67.5625
16169	170400333	14	7	833	52.0625	59.0625
16170	170403115	11	5.5	1009	63.0625	68.5625
16171	170400358	10	5	847	52.9375	57.9375
16173	170505905	9	4.5	720	45	49.5
16174	170501411	9	4.5	1031	64.4375	68.9375
16175	170405073	0	0		0	0
16176	170404917	7	3.5	877	54.8125	58.3125

16177	170402269	37	18.5	914	57.125	75.625
16178	170502482	28	14	1099	68.6875	82.6875
16179	170503291	-5	-2.5	849	53.0625	50.5625
16180	170502985	13	6.5	972	60.75	67.25
16182	170404120	39	19.5	996	62.25	81.75
16183	170402673	15	7.5	1059	66.1875	73.6875
16184	170404363	17	8.5	1034	64.625	73.125
16185	170508020	19	9.5	815	50.9375	60.4375
16186	170508363	-1	-0.5	967	60.4375	59.9375
16187	170500069	6	3	1038	64.875	67.875
16188	170403249	3	1.5	1018	63.625	65.125
16189	170406616	0	0	991	61.9375	61.9375
16190	170500026	4	2		0	2
16191	170405139	-6	-3	848	53	50
16192	170502598	-4	-2	865	54.0625	52.0625
16193	170402576	11	5.5	962	60.125	65.625
16194	170509732	4	2	918	57.375	59.375
17001	170403967	0	0		0	0
17002	170403984	2	1		0	1
17003	170501634	10	5	840	52.5	57.5
17004	170406478	-1	-0.5	809	50.5625	50.0625
17005	170404678	19	9.5	958	59.875	69.375
17006	170406149	8	4	912	57	61
17007	170505524	9	4.5	831	51.9375	56.4375
17008	170404944	13	6.5	1021	63.8125	70.3125
17009	170403232	31	15.5	1006	62.875	78.375
17010	170502781	2	1	791	49.4375	50.4375
17011	170502199	6	3	760	47.5	50.5
17012	170405680	14	7	908	56.75	63.75
17013	170402058	22	11	772	48.25	59.25
17014	170506231	23	11.5	754	47.125	58.625
17015	170405060	37	18.5	856	53.5	72
17017	170404982	26	13	950	59.375	72.375
17020	170509531	-3	-1.5		0	-1.5
17021	170506374	27	13.5	819	51.1875	64.6875

17022	170403379	26	13	865	54.0625	67.0625
17024	170502180	48	24	1074	67.125	91.125
17025	170500141	4	2	927	57.9375	59.9375
17026	170502662	27	13.5	896	56	69.5
17027	170501583	10	5	795	49.6875	54.6875
17028	170402980	34	17	874	54.625	71.625
17029	170405294	24	12	909	56.8125	68.8125
17030	170503457	10	5	865	54.0625	59.0625
17031	170403109	43	21.5	844	52.75	74.25
17032	170504959	16	8	971	60.6875	68.6875
17033	170405657	3	1.5	862	53.875	55.375
17034	170504917	39	19.5	1014	63.375	82.875
17036	170503321	6	3	906	56.625	59.625
17037	170502112	1	0.5	730	45.625	46.125
17038	170401437	17	8.5	930	58.125	66.625
17039	170504097	2	1	785	49.0625	50.0625
17040	170403038	26	13	847	52.9375	65.9375
17042	170404700	7	3.5	752	47	50.5
17043	170402833	19	9.5	918	57.375	66.875
17045	170509396	16	8		0	8
17047	170406248	2	1	759	47.4375	48.4375
17048	170509728	-3	-1.5	848	53	51.5
17049	170403244	-3	-1.5	924	57.75	56.25
17050	170404698	10	5	981	61.3125	66.3125
17051	170406175	23	11.5	888	55.5	67
17052	170404926	12	6	917	57.3125	63.3125
17053	170405142	31	15.5	809	50.5625	66.0625
17055	170505611	-6	-3	865	54.0625	51.0625
17057	170502142	11	5.5	907	56.6875	62.1875
17058	170508374	9	4.5	1042	65.125	69.625
17059	170507470	14	7	1019	63.6875	70.6875
17061	170504465	13	6.5	850	53.125	59.625
17062	170401293	18	9	781	48.8125	57.8125
17063	170502248	4	2	982	61.375	63.375
17064	170406494	2	1	831	51.9375	52.9375

17065	170402930	6	3	851	53.1875	56.1875
17066	170402869	33	16.5	1068	66.75	83.25
17067	170500095	-4	-2	999	62.4375	60.4375
17068	170403132	26	13	865	54.0625	67.0625
17069	170403015	10	5	1034	64.625	69.625
17070	170405728	10	5	805	50.3125	55.3125
17072	170505012	2	1	660	41.25	42.25
17073	170404309	19	9.5	912	57	66.5
17074	170505848	13	6.5	817	51.0625	57.5625
17075	170503030	2	1	869	54.3125	55.3125
17076	170500883	24	12	1002	62.625	74.625
17077	170400416	8	4	841	52.5625	56.5625
17079	170509878	12	6	773	48.3125	54.3125
17080	170402920	6	3	857	53.5625	56.5625
17081	170403049	0	0	935	58.4375	58.4375
17083	170401961	5	2.5	868	54.25	56.75
17084	170502784	9	4.5		0	4.5
17085	170506258	4	2	792	49.5	51.5
17086	170507953	26	13	882	55.125	68.125
17088	170406463	11	5.5	709	44.3125	49.8125
17089	170507978	3	1.5		0	1.5
17090	170404183	7	3.5	915	57.1875	60.6875
17091	170501016	17	8.5	872	54.5	63
17092	170402449	22	11	931	58.1875	69.1875
17093	170405344	14	7	834	52.125	59.125
17094	170404441	9	4.5	893	55.8125	60.3125
17095	170500073	18	9	903	56.4375	65.4375
17097	170406311	-5	-2.5	831	51.9375	49.4375
17098	170400271	5	2.5	758	47.375	49.875
17099	170502664	20	10	1017	63.5625	73.5625
17100	170503082	22	11	856	53.5	64.5
17101	170403072	26	13	950	59.375	72.375
17103	170505859	16	8	1056	66	74
17107	170502577	1	0.5	773	48.3125	48.8125
17108	170401990	10	5	961	60.0625	65.0625

17110	170501327	21	10.5	850	53.125	63.625
17111	170509458	2	1	817	51.0625	52.0625
17112	170402412	4	2	788	49.25	51.25
17113	170406360	6	3		0	3
17114	170406135	27	13.5	1024	64	77.5
17116	170508277	42	21	834	52.125	73.125
17117	170406449	7	3.5	928	58	61.5
17119	170403138	27	13.5	1101	68.8125	82.3125
17120	170404410	18	9	882	55.125	64.125
17122	170402746	16	8	997	62.3125	70.3125
17123	170507451	17	8.5	1046	65.375	73.875
17124	170404667	7	3.5	896	56	59.5
17125	170402802	10	5	896	56	61
17126	170501293	0	0	954	59.625	59.625
17128	170404681	-6	-3	740	46.25	43.25
17129	170404043	2	1	784	49	50
17130	170404561	10	5	891	55.6875	60.6875
17131	170502116	31	15.5	949	59.3125	74.8125
17132	170500529	5	2.5	849	53.0625	55.5625
17135	170403106	25	12.5	993	62.0625	74.5625
17136	170503690	15	7.5	764	47.75	55.25
17140	170507262	10	5	859	53.6875	58.6875
17142	170403104	10	5	945	59.0625	64.0625
17143	170502415	-6	-3	864	54	51
17146	170505672	-6	-3	915	57.1875	54.1875
17149	170403850	48	24	1149	71.8125	95.8125
17150	170502505	10	5	754	47.125	52.125
17151	170502461	53	26.5	932	58.25	84.75
17152	170504157	54	27	1016	63.5	90.5
17153	170504522	9	4.5	891	55.6875	60.1875
17154	170500104	28	14	1062	66.375	80.375
17155	170406379	7	3.5	906	56.625	60.125
18025	170403079	35	17.5	790	49.375	66.875
18039	170508451	-4	-2	759	47.4375	45.4375
18044	170405941	11	5.5	791	49.4375	54.9375

18062	170403939	51	25.5	970	60.625	86.125
19002	170403974	24	12	1030	64.375	76.375
19003	170403161	25	12.5	936	58.5	71
19004	170403873	20	10	828	51.75	61.75
19005	170405232	37	18.5	1079	67.4375	85.9375
19006	170404459	17	8.5	1020	63.75	72.25
19009	170500734	15	7.5	820	51.25	58.75
19013	170504291	15	7.5	930	58.125	65.625
19018	170401640	5	2.5	851	53.1875	55.6875
19026	170504282	17	8.5	1040	65	73.5
19041	170500192	4	2	830	51.875	53.875
20001	170500170	1	0.5	987	61.6875	62.1875
20005	170501373	15	7.5	818	51.125	58.625
20007	170504502	87	43.5	1098	68.625	112.125
20008	170405281	89	44.5	1074	67.125	111.625
20011	170506337	10	5	957	59.8125	64.8125
20012	170501126	10	5	814	50.875	55.875
20016	170405372	-7	-3.5	938	58.625	55.125
20017	170403345	34	17	702	43.875	60.875
20020	170505832	51	25.5	904	56.5	82
20021	170403422	66	33	1037	64.8125	97.8125
20022	170506538	20	10	750	46.875	56.875
20023	170501297	2	1	931	58.1875	59.1875
20024	170504740	-8	-4	781	48.8125	44.8125
20026	170402317	34	17	849	53.0625	70.0625
20027	170403949	17	8.5	957	59.8125	68.3125
20032	170402942	39	19.5	1016	63.5	83
20033	170503633	4	2	860	53.75	55.75
20035	170400477	-3	-1.5	976	61	59.5
20037	170508529	17	8.5	1026	64.125	72.625
20041	170402918	27	13.5	927	57.9375	71.4375
20042	170402944	5	2.5	736	46	48.5
20043	170500167	-1	-0.5	1001	62.5625	62.0625
20044	170503145	10	5	733	45.8125	50.8125
20045	170501381	3	1.5	979	61.1875	62.6875

20048	170405481	16	8	846	52.875	60.875
20049	170501422	23	11.5	835	52.1875	63.6875
20057	170501065	9	4.5	942	58.875	63.375
20058	170505653	15	7.5		0	7.5
20059	170402451	-12	-6	718	44.875	38.875
20061	170405939	4	2	981	61.3125	63.3125
20064	170400776	29	14.5	986	61.625	76.125
20065	170508865	12	6	942	58.875	64.875
20067	170405554	26	13	1046	65.375	78.375
20072	170507323	58	29	853	53.3125	82.3125
20074	170501467	20	10	937	58.5625	68.5625
20078	170502746	8	4	924	57.75	61.75
20079	170405585	28	14	947	59.1875	73.1875
20080	170403756	13	6.5	883	55.1875	61.6875
20083	170404409	-2	-1	776	48.5	47.5
20086	170402101	-2	-1		0	-1
20087	170402394	70	35	1148	71.75	106.75
20089	170505217	5	2.5	828	51.75	54.25
20091	170402603	82	41	997	62.3125	103.3125
20093	170401982	23	11.5	1048	65.5	77
20095	170503149	-9	-4.5	997	62.3125	57.8125
20097	170503096	-8	-4	955	59.6875	55.6875
20099	170402302	57	28.5	1049	65.5625	94.0625
20100	170502316	-1	-0.5	911	56.9375	56.4375
20104	170509491	2	1	690	43.125	44.125
20107	170403973	14	7	1105	69.0625	76.0625
20108	170505404	10	5	869	54.3125	59.3125
20109	170508763	4	2	807	50.4375	52.4375
20110	170402657	17	8.5	791	49.4375	57.9375
20111	170503292	2	1	704	44	45
20112	170503652	34	17	940	58.75	75.75
20113	170402471	22	11	810	50.625	61.625
20115	170502728	-2	-1	918	57.375	56.375
20117	170500588	-4	-2	888	55.5	53.5
20118	170402627	37	18.5	1060	66.25	84.75

20119	170404338	21	10.5	932	58.25	68.75
20120	170406380	-2	-1	763	47.6875	46.6875
20121	170503062	11	5.5	865	54.0625	59.5625
20123	170404693	40	20	704	44	64
20124	170404619	37	18.5	1106	69.125	87.625
20128	170503535	24	12	1021	63.8125	75.8125
20129	170509981	2	1	835	52.1875	53.1875
20132	170509340	21	10.5	898	56.125	66.625
20133	170402295	35	17.5	775	48.4375	65.9375
20135	170500551	28	14	882	55.125	69.125
20137	170404161	-6	-3	794	49.625	46.625
20138	170402465	25	12.5	741	46.3125	58.8125
20140	170503853	21	10.5	907	56.6875	67.1875
20142	170406264	34	17	816	51	68
20143	170502205	13	6.5	939	58.6875	65.1875
20144	170501580	19	9.5	1082	67.625	77.125
20145	170402546	34	17	1057	66.0625	83.0625
20149	170404909	15	7.5	870	54.375	61.875
20150	170503538	20	10	919	57.4375	67.4375
20151	170405576	51	25.5	994	62.125	87.625
20152	170402408	-11	-5.5	757	47.3125	41.8125
20153	170502634	6	3	925	57.8125	60.8125
20155	170404604	10	5	882	55.125	60.125
20163	170509511	4	2	757	47.3125	49.3125
20164	170402367	27	13.5	1047	65.4375	78.9375
20166	170502082	1	0.5	706	44.125	44.625
20171	170502444	-2	-1	844	52.75	51.75
20176	170502473	4	2	973	60.8125	62.8125
20178	170401295	9	4.5	1004	62.75	67.25
20179	170403423	87	43.5	1022	63.875	107.375
20180	170504046	10	5	679	42.4375	47.4375
20183	170402851	7	3.5		0	3.5
20187	170405797	2	1	841	52.5625	53.5625
20189	170403205	7	3.5	858	53.625	57.125
20192	170406051	12	6	833	52.0625	58.0625

20194	170504693	8	4	869	54.3125	58.3125
20198	170502546	17	8.5	858	53.625	62.125
20200	170402053	21	10.5		0	10.5
20203	170402910	23	11.5	1010	63.125	74.625
20205	170504588	14	7	1025	64.0625	71.0625
20206	170402344	21	10.5	884	55.25	65.75
20208	170504609	32	16	890	55.625	71.625
20210	170505215	22	11	883	55.1875	66.1875
20212	170402632	34	17	960	60	77
20214	170406081	1	0.5	634	39.625	40.125
20220	170403483	3	1.5	826	51.625	53.125
20221	170509052	21	10.5	868	54.25	64.75
20223	170404003	16	8	868	54.25	62.25
20225	170405231	6	3	794	49.625	52.625
20227	170500621	2	1	949	59.3125	60.3125
20228	170400346	42	21	825	51.5625	72.5625
20229	170402265	20	10	883	55.1875	65.1875
20235	170404749	14	7	840	52.5	59.5
20238	170402332	18	9	787	49.1875	58.1875
20239	170402824	35	17.5	992	62	79.5
20240	170506974	5	2.5	777	48.5625	51.0625
20241	170506863	16	8	822	51.375	59.375
20242	170405775	14	7	1021	63.8125	70.8125
20244	170404562	0	0	759	47.4375	47.4375
20245	170402253	75	37.5	1041	65.0625	102.5625
20250	170400700	41	20.5	713	44.5625	65.0625
20251	170506167	16	8	776	48.5	56.5
20252	170504364	0	0	729	45.5625	45.5625
20253	170502725	3	1.5	914	57.125	58.625
20255	170502343	11	5.5	860	53.75	59.25
20256	170504630	19	9.5	924	57.75	67.25
20258	170406266	30	15	928	58	73
20263	170402356	34	17	959	59.9375	76.9375
20264	170504016	13	6.5	828	51.75	58.25
20267	170405642	16	8	948	59.25	67.25

20270	170500407	12	6		0	6
20271	170402108	3	1.5	978	61.125	62.625
20276	170402825	14	7	904	56.5	63.5
20277	170502441	-4	-2	913	57.0625	55.0625
20279	170405693	29	14.5	924	57.75	72.25
20280	170508927	-5	-2.5	903	56.4375	53.9375
20282	170500610	35	17.5	1034	64.625	82.125
20283	170405889	-9	-4.5	858	53.625	49.125
20285	170501206	10	5	704	44	49
20287	170403253	15	7.5	769	48.0625	55.5625
20288	170503492	47	23.5	1070	66.875	90.375
20291	170501270	24	12	1051	65.6875	77.6875
20294	170509268	-6	-3	871	54.4375	51.4375
20298	170404659	10	5	877	54.8125	59.8125
20299	170400201	67	33.5	947	59.1875	92.6875
20301	170406678	14	7	869	54.3125	61.3125
20304	170406609	14	7	793	49.5625	56.5625
20306	170403781	24	12	1021	63.8125	75.8125
20309	170403915	50	25	966	60.375	85.375
20310	170509219	27	13.5	806	50.375	63.875
20314	170502051	25	12.5	667	41.6875	54.1875
20315	170500522	17	8.5	871	54.4375	62.9375
20316	170502189	24	12	992	62	74
20318	170405546	15	7.5	1007	62.9375	70.4375
20321	170404993	31	15.5	822	51.375	66.875
20323	170502680	30	15	1061	66.3125	81.3125
20326	170505889	30	15	700	43.75	58.75
20327	170502785	26	13	1054	65.875	78.875
20328	170502429	43	21.5	963	60.1875	81.6875
20329	170402472	30	15	976	61	76
20331	170508235	16	8	762	47.625	55.625
20332	170500525	7	3.5	886	55.375	58.875
20334	170401701	59	29.5	861	53.8125	83.3125
20336	170508868	-10	-5	822	51.375	46.375
20337	170508753	37	18.5	1004	62.75	81.25

20338	170404413	0	0	681	42.5625	42.5625
20342	170505943	-3	-1.5	734	45.875	44.375
20343	170508360	1	0.5	763	47.6875	48.1875
20344	170506332	0	0	815	50.9375	50.9375
20347	170403887	18	9	1055	65.9375	74.9375
20348	170405110	10	5	866	54.125	59.125
20349	170500176	-11	-5.5		0	-5.5
20352	170507913	26	13	906	56.625	69.625
20353	170503647	1	0.5	942	58.875	59.375
20355	170402525	3	1.5		0	1.5
20358	170400749	27	13.5	827	51.6875	65.1875
20361	170405410	30	15	903	56.4375	71.4375
20364	170502344	21	10.5	1036	64.75	75.25
20365	170405972	12	6	996	62.25	68.25
20366	170509582	-3	-1.5	705	44.0625	42.5625
20368	170406323	49	24.5	1077	67.3125	91.8125
20369	170406015	13	6.5	763	47.6875	54.1875
20370	170504466	7	3.5	818	51.125	54.625
20371	170404511	-22	-11	856	53.5	42.5
20373	170504637	16	8	1009	63.0625	71.0625
20375	170400465	15	7.5	1022	63.875	71.375
20379	170403114	10	5	1044	65.25	70.25
20380	170504830	-2	-1	712	44.5	43.5
20382	170500467	2	1	824	51.5	52.5
20383	170500910	53	26.5	1098	68.625	95.125
20387	170505811	12	6	915	57.1875	63.1875
20388	170406335	17	8.5	914	57.125	65.625
20389	170500705	21	10.5	1075	67.1875	77.6875
20392	170400452	20	10	947	59.1875	69.1875
20397	170504667	32	16	991	61.9375	77.9375
20398	170404275	13	6.5	854	53.375	59.875
20399	170406393	21	10.5	937	58.5625	69.0625
20401	170405990	24	12	1046	65.375	77.375
20403	170506322	6	3	713	44.5625	47.5625
20405	170404477	23	11.5	1000	62.5	74

20406	170504139	39	19.5	620	38.75	58.25
20407	170404571	86	43	900	56.25	99.25
20409	170405419	-10	-5	784	49	44
20410	170405574	30	15	769	48.0625	63.0625
20413	170400697	73	36.5		0	36.5
20416	170402455	21	10.5	899	56.1875	66.6875
20419	170501147	13	6.5	842	52.625	59.125
20423	170406222	-2	-1	1013	63.3125	62.3125
20424	170509028	-8	-4	714	44.625	40.625
20425	170401027	-9	-4.5	897	56.0625	51.5625
20428	170508890	11	5.5	894	55.875	61.375
20438	170404625	10	5	843	52.6875	57.6875
20442	170400487	22	11	694	43.375	54.375
20443	170406592	11	5.5	779	48.6875	54.1875
20444	170501349	13	6.5	788	49.25	55.75
20445	170500661	4	2	955	59.6875	61.6875
20447	170507251	56	28	848	53	81
20453	170509131	8	4		0	4
20454	170405158	-6	-3	771	48.1875	45.1875
20460	170502125	3	1.5	961	60.0625	61.5625
20461	170405444	24	12	683	42.6875	54.6875
20462	170500602	6	3	1049	65.5625	68.5625
20464	170501640	-2	-1	759	47.4375	46.4375
20465	170405695	37	18.5	1137	71.0625	89.5625
20466	170509670	12	6	874	54.625	60.625
20470	170500149	16	8	729	45.5625	53.5625
20474	170405527	24	12	1089	68.0625	80.0625
20480	170403894	32	16	1018	63.625	79.625
20484	170402292	14	7	883	55.1875	62.1875
20488	170501384	42	21	981	61.3125	82.3125
20489	170405295	-5	-2.5	830	51.875	49.375
20490	170402542	8	4	890	55.625	59.625
20491	170501236	4	2	772	48.25	50.25
20493	170501328	31	15.5	1039	64.9375	80.4375
20497	170402351	14	7	1088	68	75

20498	170502400	23	11.5	693	43.3125	54.8125
20501	170509979	2	1	671	41.9375	42.9375
20502	170508515	-7	-3.5	791	49.4375	45.9375
20504	170505408	6	3		0	3
20507	170501667	-11	-5.5	781	48.8125	43.3125
20511	170503884	-3	-1.5	964	60.25	58.75
20512	170505464	-14	-7	814	50.875	43.875
20513	170405759	17	8.5	967	60.4375	68.9375
20520	170500368	14	7	779	48.6875	55.6875
20521	170404045	16	8	891	55.6875	63.6875
20522	170403496	17	8.5	971	60.6875	69.1875
20525	170400405	16	8	906	56.625	64.625
20526	170501796	57	28.5	909	56.8125	85.3125
20527	170402204	20	10	975	60.9375	70.9375
20528	170504611	10	5	946	59.125	64.125
20529	170500199	11	5.5	870	54.375	59.875
20533	170402345	-6	-3	817	51.0625	48.0625
20536	170404675	47	23.5	1094	68.375	91.875
20537	170402361	10	5	973	60.8125	65.8125
20540	170402561	-12	-6		0	-6
20541	170406412	24	12	1002	62.625	74.625
20548	170400550	7	3.5	779	48.6875	52.1875
20549	170400311	44	22	849	53.0625	75.0625
20550	170503935	-7	-3.5	784	49	45.5
20557	170403303	8	4	889	55.5625	59.5625
20564	170510661	35	17.5	710	44.375	61.875
20565	170404655	38	19	698	43.625	62.625
20571	170406550	2	1	952	59.5	60.5
20572	170405244	18	9	798	49.875	58.875
20573	170509138	3	1.5	906	56.625	58.125
20574	170406334	22	11	1080	67.5	78.5
20576	170500559	6	3	807	50.4375	53.4375
20578	170503131	26	13	784	49	62
20582	170501021	12	6	861	53.8125	59.8125
20583	170406013	9	4.5	888	55.5	60

20586	170504728	12	6	828	51.75	57.75
20587	170508708	0	0	829	51.8125	51.8125
20592	170507838	47	23.5	729	45.5625	69.0625
20593	170403601	27	13.5	985	61.5625	75.0625
20595	170400363	19	9.5	961	60.0625	69.5625
20596	170500009	43	21.5	953	59.5625	81.0625
20604	170406585	-6	-3	810	50.625	47.625
20607	170505551	13	6.5	825	51.5625	58.0625
20609	170403067	4	2	979	61.1875	63.1875
20611	170501514	7	3.5	1004	62.75	66.25
20612	170504051	13	6.5	756	47.25	53.75
20614	170502749	16	8	730	45.625	53.625
20615	170501682	20	10	768	48	58
20617	170402441	10	5	823	51.4375	56.4375
20619	170504773	24	12	859	53.6875	65.6875
20620	170405907	36	18	854	53.375	71.375
20621	170506203	15	7.5	790	49.375	56.875
20624	170503650	22	11	773	48.3125	59.3125
20625	170403378	18	9	984	61.5	70.5
20626	170401377	15	7.5	723	45.1875	52.6875
20627	170403498	62	31	909	56.8125	87.8125
20628	170503549	10	5	773	48.3125	53.3125
20629	170502626	-9	-4.5	768	48	43.5
20630	170403846	-2	-1	824	51.5	50.5
20631	170404580	63	31.5	1038	64.875	96.375
20633	170406872	23	11.5	670	41.875	53.375
20637	170403280	34	17	1068	66.75	83.75
20641	170406031	-9	-4.5	794	49.625	45.125
20643	170503739	25	12.5	831	51.9375	64.4375
20645	170405717	2	1	825	51.5625	52.5625
20646	170404963	11	5.5	1040	65	70.5
20648	170503476	15	7.5	1028	64.25	71.75
20649	170402754	10	5	914	57.125	62.125
20654	170406605	4	2	797	49.8125	51.8125
20655	170404090	3	1.5	1044	65.25	66.75

20657	170508406	28	14	884	55.25	69.25
20659	170406407	22	11	729	45.5625	56.5625
20660	170504584	1	0.5	917	57.3125	57.8125
20663	170405868	26	13	916	57.25	70.25
20665	170509349	36	18	854	53.375	71.375
20666	170404887	14	7	772	48.25	55.25
20667	170500421	16	8	839	52.4375	60.4375
20674	170404833	12	6	978	61.125	67.125
20675	170404849	15	7.5	924	57.75	65.25
20677	170406361	6	3	1026	64.125	67.125
20680	170502853	33	16.5	1095	68.4375	84.9375
20681	170400417	14	7	756	47.25	54.25
20682	170404587	6	3	870	54.375	57.375
20683	170508655	2	1	850	53.125	54.125
20685	170505847	7	3.5	837	52.3125	55.8125
20686	170403343	44	22	1105	69.0625	91.0625
20688	170508930	1	0.5	1014	63.375	63.875
20689	170505897	14	7	860	53.75	60.75
20691	170509422	-18	-9	763	47.6875	38.6875
20692	170406124	8	4	1047	65.4375	69.4375
20693	170504119	27	13.5	860	53.75	67.25
20695	170505515	16	8	842	52.625	60.625
20696	170402898	18	9	851	53.1875	62.1875
20698	170402625	-1	-0.5	1015	63.4375	62.9375
20699	170403588	11	5.5	1002	62.625	68.125
20700	170501042	47	23.5	993	62.0625	85.5625
20701	170403589	26	13	860	53.75	66.75
20702	170403368	64	32	1108	69.25	101.25
20704	170504081	9	4.5	897	56.0625	60.5625
20705	170504793	21	10.5	847	52.9375	63.4375
20706	170501433	21	10.5	943	58.9375	69.4375
20707	170504351	-1	-0.5	913	57.0625	56.5625
20711	170501169	-2	-1	948	59.25	58.25
20716	170403398	38	19	1046	65.375	84.375
20717	170501895	6	3	872	54.5	57.5

20719	170502650	7	3.5	784	49	52.5
20720	170500048	14	7	837	52.3125	59.3125
20721	170402611	1	0.5	450	28.125	28.625
20723	170402088	-4	-2	929	58.0625	56.0625
20728	170502162	10	5		0	5
20729	170405113	-2	-1	810	50.625	49.625
20732	170504874	12	6	914	57.125	63.125
20733	170508257	20	10	770	48.125	58.125
20734	170402553	31	15.5	995	62.1875	77.6875
20736	170504730	13	6.5	789	49.3125	55.8125
20737	170403139	14	7	909	56.8125	63.8125
20738	170404156	17	8.5	947	59.1875	67.6875
20740	170503666	-5	-2.5	899	56.1875	53.6875
20744	170501616	27	13.5	824	51.5	65
20745	170507012	16	8	1014	63.375	71.375
20747	170404064	17	8.5	951	59.4375	67.9375
20748	170504050	7	3.5	942	58.875	62.375
20751	170501874	9	4.5	856	53.5	58
20756	170403539	24	12	993	62.0625	74.0625
20759	170508563	24	12	853	53.3125	65.3125
20760	170506172	11	5.5	943	58.9375	64.4375
20762	170500640	15	7.5	1067	66.6875	74.1875
20766	170509864	30	15	1065	66.5625	81.5625
20767	170509814	18	9	1089	68.0625	77.0625
20768	170505595	39	19.5	1002	62.625	82.125
20770	170500841	15	7.5	720	45	52.5
20774	170500672	-6	-3	843	52.6875	49.6875
20776	170506226	7	3.5	757	47.3125	50.8125
20777	170404023	32	16	869	54.3125	70.3125
20779	170404072	14	7	1002	62.625	69.625
20780	170502168	2	1	759	47.4375	48.4375
20783	170509267	33	16.5	854	53.375	69.875
20787	170402090	26	13	945	59.0625	72.0625
20790	170503135	-6	-3	723	45.1875	42.1875
20797	170500335	10	5	1036	64.75	69.75

20798	170404839	12	6	946	59.125	65.125
20799	170403909	51	25.5	998	62.375	87.875
20800	170504459	21	10.5	1061	66.3125	76.8125
20801	170508929	15	7.5	881	55.0625	62.5625
20802	170402571	10	5	854	53.375	58.375
20803	170406347	28	14	984	61.5	75.5
20805	170406613	20	10	868	54.25	64.25
20806	170406841	25	12.5	793	49.5625	62.0625
20808	170402341	45	22.5	957	59.8125	82.3125
20811	170506625	23	11.5	932	58.25	69.75
20812	170502815	-1	-0.5	821	51.3125	50.8125
20813	170506464	9	4.5	932	58.25	62.75
20814	170508618	21	10.5	602	37.625	48.125
20815	170501807	30	15	805	50.3125	65.3125
20816	170500751	4	2	940	58.75	60.75
20817	170508327	10	5	852	53.25	58.25
20818	170508321	36	18	836	52.25	70.25
20823	170505456	7	3.5	653	40.8125	44.3125