

**American Chemical Society Division of Chemical Education  
Composite Norms – General Chemistry First Term 2018 (GC18F)**

Score	Percentile	Score	Percentile	Score	Percentile
70	100	44	58	18	2
69	100	43	56	17	1
68	100	42	54	16	1
67	100	41	51	15	0
66	99	40	49	14	0
65	99	39	46	13	0
64	98	38	44	12	0
63	97	37	41	11	0
62	96	36	39	10	0
61	95	35	36	9	0
60	94	34	34	8	0
59	93	33	31	7	0
58	91	32	29	6	0
57	89	31	26	5	0
56	87	30	24	4	0
55	85	29	21	3	0
54	82	28	19	2	0
53	80	27	17	1	0
52	78	26	14	0	0
51	75	25	12		
50	73	24	10		
49	70	23	8		
48	68	22	7		
47	65	21	5		
46	63	20	4		
45	61	19	3		

  

Mean	40.7
Std. deviation	12.6
Median	41
KR-21 reliability	0.90
Std error/meas	3.87

**GC18F Norms**  
based on the scores of 9777 students from 38 institutions

