

**American Chemical Society Division of Chemical Education
Composite Norms – General Chemistry, First-Term Paired Question
(GC17PQF)**

Score	Percentile	Score	Percentile	Score	Percentile
40	100	24	62	8	3
39	99	23	59	7	2
38	99	22	55	6	1
37	98	21	51	5	0
36	96	20	48	4	0
35	94	19	44	3	0
34	92	18	40	2	0
33	89	17	36	1	0
32	87	16	31	0	0
31	84	15	27		
30	81	14	23		
29	78	13	19		
28	74	12	15		
27	71	11	12		
26	68	10	8		
25	65	9	6		

Mean	21.3
Std. deviation	8.4
Median	21
KR-21 reliability	0.88
Std error/meas	2.90

GCPQF17 Norms
based on the scores of 3627 students from 26 institutions

