

**American Chemical Society**  
**Division of Chemical Education**

**Composite Norms**

**Second Term General Chemistry Paired-Questions Exam 2007**

**Updated - August 2009**

<b><u>Score</u></b>	<b><u>Percentile</u></b>	<b><u>Score</u></b>	<b><u>Percentile</u></b>	<b><u>Score</u></b>	<b><u>Percentile</u></b>
40	100	26	76	12	8
39	100	25	72	11	5
38	99	24	68	10	3
37	99	23	63	9	2
36	98	22	58	8	1
35	97	21	53	7	0
34	96	20	48	6	0
33	94	19	42	5	0
32	93	18	36	4	0
31	91	17	30	3	0
30	88	16	25	2	0
29	86	15	20	1	0
28	83	14	15		
27	79	13	11		

Mean	21.11
Std deviation	6.78
Median	20.0
KR-21 rel	0.80
Std error/meas	3.01