Franklin Math Bowl 2010 Item Analysis

Question	6th Grade (56 students took the test)			7th Grade (65 students took the test)			8th Grade (47 students took the test)			Algebra (18 students took the test)			Question
	# Wrong	% Wrong	% Right	# Wrong	% Wrong	% Right	# Wrong	% Wrong	% Right	# Wrong	% Wrong	% Right	
1	12	21.43%	78.57%	16	24.62%	75.38%	9	19.15%	80.85%	17	94.44%	5.56%	1
2	51	91.07%	8.93%	27	41.54%	58.46%	26	55.32%	44.68%	15	83.33%	16.67%	2
3	20	35.71%	64.29%	25	38.46%	61.54%	5	10.64%	89.36%	0	0.00%	100.00%	3
4	7	12.50%	87.50%	37	56.92%	43.08%	7	14.89%	85.11%	15	83.33%	16.67%	4
5	24	42.86%	57.14%	53	81.54%	18.46%	9	19.15%	80.85%	15	83.33%	16.67%	5
6	40	71.43%	28.57%	7	10.77%	89.23%	32	68.09%	31.91%	13	72.22%	27.78%	6
7	50	89.29%	10.71%	5	7.69%	92.31%	23	48.94%	51.06%	1	5.56%	94.44%	7
8	17	30.36%	69.64%	19	29.23%	70.77%	24	51.06%	48.94%	16	88.89%	11.11%	8
9	20	35.71%	64.29%	12	18.46%	81.54%	15	31.91%	68.09%	10	55.56%	44.44%	9
10	35	62.50%	37.50%	24	36.92%	63.08%	14	29.79%	70.21%	9	50.00%	50.00%	10
11	17	30.36%	69.64%	28	43.08%	56.92%	20	42.55%	57.45%	2	11.11%	88.89%	11
12	11	19.64%	80.36%	37	56.92%	43.08%	16	34.04%	65.96%	3	16.67%	83.33%	12
13	28	50.00%	50.00%	25	38.46%	61.54%	4	8.51%	91.49%	14	77.78%	22.22%	13
14	25	44.64%	55.36%	61	93.85%	6.15%	17	36.17%	63.83%	6	33.33%	66.67%	14
15	15	26.79%	73.21%	39	60.00%	40.00%	15	31.91%	68.09%	0	0.00%	100.00%	15
16	26	46.43%	53.57%	24	36.92%	63.08%	31	65.96%	34.04%	5	27.78%	72.22%	16
17	11	19.64%	80.36%	21	32.31%	67.69%	22	46.81%	53.19%	0	0.00%	100.00%	17
18	53	94.64%	5.36%	55	84.62%	15.38%	16	34.04%	65.96%	1	5.56%	94.44%	18
19	27	48.21%	51.79%	35	53.85%	46.15%	30	63.83%	36.17%	2	11.11%	88.89%	19
20	6	10.71%	89.29%	53	81.54%	18.46%	33	70.21%	29.79%	12	66.67%	33.33%	20
21	18	32.14%	67.86%	32	49.23%	50.77%	28	59.57%	40.43%	12	66.67%	33.33%	21
22	47	83.93%	16.07%	39	60.00%	40.00%	28	59.57%	40.43%	10	55.56%	44.44%	22
23	52	92.86%	7.14%	44	67.69%	32.31%	27	57.45%	42.55%	10	55.56%	44.44%	23
24	22	39.29%	60.71%	55	84.62%	15.38%	19	40.43%	59.57%	10	55.56%	44.44%	24
25	43	76.79%	23.21%	26	40.00%	60.00%	31	65.96%	34.04%	18	100.00%	0.00%	25
Mean	27.08	48.36%	51.64%	31.96	49.17%	50.83%	20.04	42.64%	57.36%	8.64	48.00%	52.00%	Mean