

# **Mathematics 2008**

## **Item and Task Statistics**

Dillard Research Associates  
May 18, 2008

**Statistics**

Grade Band

N	Valid	142
	Missing	0

**Grade Band**

	Frequency	Percent	Valid Percent	Cumulative Percent
Valid	910	142	100.0	100.0

**Case Processing Summary**

	Cases					
	Valid		Missing		Total	
	N	Percent	N	Percent	N	Percent
stu_grade * Grade Band	142	100.0%	0	.0%	142	100.0%

**stu\_grade \* Grade Band Crosstabulation**

			Grade Band	
			910	Total
stu_grade	9	Count	59	59
		% within Grade Band	41.5%	41.5%
	10	Count	83	83
		% within Grade Band	58.5%	58.5%
Total		Count	142	142
		% within Grade Band	100.0%	100.0%

Scale: GBand 34 Math Task 1 Raw

**Case Processing Summary**

		N	%
Cases	Valid	91	78.4
	Excluded <sup>a</sup>	25	21.6
	Total	116	100.0

a. Listwise deletion based on all variables in the procedure.

**Reliability Statistics**

Cronbach's Alpha	Cronbach's Alpha Based on Standardized Items	N of Items
.973	.973	8

**Item Statistics**

	Mean	Std. Deviation	N
G34CpyNum1	1.46	.847	91
G34CpyNum2	1.53	.794	91
G34CpyNum3	1.62	.742	91
G34CpyNum4	1.53	.807	91
G34CpyNum5	1.68	.728	91
G34CpyNum6	1.52	.821	91
G34CpyNum7	1.49	.835	91
G34CpyNum8	1.53	.794	91

**Inter-Item Correlation Matrix**

	G34CpyNum1	G34CpyNum2	G34CpyNum3	G34CpyNum4	G34CpyNum5	G34CpyNum6	G34CpyNum7	G34CpyNum8
G34CpyNum1	1.000	.840	.727	.858	.691	.883	.915	.906
G34CpyNum2	.840	1.000	.839	.809	.813	.788	.860	.859
G34CpyNum3	.727	.839	1.000	.825	.881	.731	.759	.820
G34CpyNum4	.858	.809	.825	1.000	.723	.875	.795	.896
G34CpyNum5	.691	.813	.881	.723	1.000	.705	.755	.775
G34CpyNum6	.883	.788	.731	.875	.705	1.000	.790	.890
G34CpyNum7	.915	.860	.759	.795	.755	.790	1.000	.893
G34CpyNum8	.906	.859	.820	.896	.775	.890	.893	1.000

**Summary Item Statistics**

	Mean	Minimum	Maximum	Range	Maximum / Minimum	Variance	N of Items
Item Means	1.544	1.462	1.681	.220	1.150	.005	8
Item Variances	.635	.531	.718	.187	1.353	.004	8
Inter-Item Correlations	.818	.691	.915	.224	1.323	.004	8

**Item-Total Statistics**

	Scale Mean if Item Deleted	Scale Variance if Item Deleted	Corrected Item-Total Correlation	Squared Multiple Correlation	Cronbach's Alpha if Item Deleted
G34CpyNum1	10.89	25.632	.911	.918	.968
G34CpyNum2	10.82	26.191	.904	.837	.968
G34CpyNum3	10.74	26.974	.862	.868	.971
G34CpyNum4	10.82	26.080	.901	.870	.968
G34CpyNum5	10.67	27.379	.820	.817	.973
G34CpyNum6	10.84	26.095	.881	.862	.970
G34CpyNum7	10.86	25.835	.899	.895	.969
G34CpyNum8	10.82	25.880	.948	.914	.966

**Scale Statistics**

Mean	Variance	Std. Deviation	N of Items
12.35	34.164	5.845	8

Scale: GBand 34 Math Task 2 Raw

**Case Processing Summary**

		N	%
Cases	Valid	91	78.4
	Excluded <sup>a</sup>	25	21.6
	Total	116	100.0

a. Listwise deletion based on all variables in the procedure.

**Reliability Statistics**

Cronbach's Alpha	Cronbach's Alpha Based on Standardized Items	N of Items
.742	.754	3

**Item Statistics**

	Mean	Std. Deviation	N
G34NumLine1	.78	.416	91
G34NumLine2	.56	.499	91
G34NumLine3	.75	.437	91

**Inter-Item Correlation Matrix**

	G34NumLine1	G34NumLine2	G34NumLine3
G34NumLine1	1.000	.332	.729
G34NumLine2	.332	1.000	.453
G34NumLine3	.729	.453	1.000

**Summary Item Statistics**

	Mean	Minimum	Maximum	Range	Maximum / Minimum	Variance	N of Items
Item Means	.696	.560	.780	.220	1.392	.014	3
Item Variances	.204	.173	.249	.076	1.437	.002	3
Inter-Item Correlations	.505	.332	.729	.397	2.197	.033	3

**Item-Total Statistics**

	Scale Mean if Item Deleted	Scale Variance if Item Deleted	Corrected Item-Total Correlation	Squared Multiple Correlation	Cronbach's Alpha if Item Deleted
G34NumLine1	1.31	.638	.607	.532	.620
G34NumLine2	1.53	.630	.424	.205	.843
G34NumLine3	1.34	.560	.708	.582	.492

**Scale Statistics**

Mean	Variance	Std. Deviation	N of Items
2.09	1.214	1.102	3

Scale: GBand 34 Math Task 4 Raw

**Case Processing Summary**

		N	%
Cases	Valid	91	78.4
	Excluded <sup>a</sup>	25	21.6
	Total	116	100.0

a. Listwise deletion based on all variables in the procedure.

**Reliability Statistics**

Cronbach's Alpha	Cronbach's Alpha Based on Standardized Items	N of Items
.932	.932	8

**Item Statistics**

	Mean	Std. Deviation	N
G34SameDiff1	.73	.449	91
G34SameDiff2	.60	.492	91
G34SameDiff3	.76	.431	91
G34SameDiff4	.65	.480	91
G34SameDiff5	.71	.454	91
G34SameDiff6	.63	.486	91
G34SameDiff7	.71	.454	91
G34SameDiff8	.76	.431	91

**Inter-Item Correlation Matrix**

	G34SameDiff1	G34SameDiff2	G34SameDiff3	G34SameDiff4	G34SameDiff5	G34SameDiff6	G34SameDiff7	G34SameDiff8
G34SameDiff1	1.000	.509	.630	.526	.701	.542	.755	.802
G34SameDiff2	.509	1.000	.645	.722	.434	.769	.483	.540
G34SameDiff3	.630	.645	1.000	.713	.666	.625	.722	.580
G34SameDiff4	.526	.722	.713	1.000	.502	.811	.604	.444
G34SameDiff5	.701	.434	.666	.502	1.000	.517	.838	.666
G34SameDiff6	.542	.769	.625	.811	.517	1.000	.618	.572
G34SameDiff7	.755	.483	.722	.604	.838	.618	1.000	.779
G34SameDiff8	.802	.540	.580	.444	.666	.572	.779	1.000

**Summary Item Statistics**

	Mean	Minimum	Maximum	Range	Maximum / Minimum	Variance	N of Items
Item Means	.694	.604	.758	.154	1.255	.004	8
Item Variances	.212	.185	.242	.056	1.304	.000	8
Inter-Item Correlations	.633	.434	.838	.405	1.934	.013	8

**Item-Total Statistics**

	Scale Mean if Item Deleted	Scale Variance if Item Deleted	Corrected Item-Total Correlation	Squared Multiple Correlation	Cronbach's Alpha if Item Deleted
G34SameDiff1	4.82	7.124	.766	.716	.922
G34SameDiff2	4.95	7.075	.705	.693	.927
G34SameDiff3	4.79	7.145	.796	.689	.920
G34SameDiff4	4.90	7.023	.750	.768	.924
G34SameDiff5	4.84	7.161	.738	.724	.924
G34SameDiff6	4.92	6.938	.775	.762	.922
G34SameDiff7	4.84	6.961	.832	.840	.917
G34SameDiff8	4.79	7.234	.752	.770	.923

**Scale Statistics**

Mean	Variance	Std. Deviation	N of Items
5.55	9.161	3.027	8

Scale: GBand 34 Math Task 5 Raw

**Case Processing Summary**

		N	%
Cases	Valid	91	78.4
	Excluded <sup>a</sup>	25	21.6
	Total	116	100.0

a. Listwise deletion based on all variables in the procedure.

**Reliability Statistics**

Cronbach's Alpha	Cronbach's Alpha Based on Standardized Items	N of Items
.935	.936	3

**Item Statistics**

	Mean	Std. Deviation	N
G34IdShape1	3.08	1.536	91
G34IdShape2	3.29	1.432	91
G34IdShape3	3.09	1.596	91

**Inter-Item Correlation Matrix**

	G34IdShape1	G34IdShape2	G34IdShape3
G34IdShape1	1.000	.803	.858
G34IdShape2	.803	1.000	.825
G34IdShape3	.858	.825	1.000

**Summary Item Statistics**

	Mean	Minimum	Maximum	Range	Maximum / Minimum	Variance	N of Items
Item Means	3.150	3.077	3.286	.209	1.068	.014	3
Item Variances	2.320	2.051	2.548	.497	1.242	.063	3
Inter-Item Correlations	.829	.803	.858	.055	1.069	.001	3

**Item-Total Statistics**

	Scale Mean if Item Deleted	Scale Variance if Item Deleted	Corrected Item-Total Correlation	Squared Multiple Correlation	Cronbach's Alpha if Item Deleted
G34IdShape1	6.37	8.370	.871	.765	.901
G34IdShape2	6.16	9.117	.845	.715	.923
G34IdShape3	6.36	7.945	.887	.788	.889

**Scale Statistics**

Mean	Variance	Std. Deviation	N of Items
9.45	18.473	4.298	3

**Scale: GBand 34 Math Total Item Raw**

**Case Processing Summary**

		N	%
Cases	Valid	91	78.4
	Excluded <sup>a</sup>	25	21.6
	Total	116	100.0

a. Listwise deletion based on all variables in the procedure.

**Reliability Statistics**

Cronbach's Alpha	Cronbach's Alpha Based on Standardized Items	N of Items
.950	.969	23

## Item Statistics

	Mean	Std. Deviation	N
G34CpyNum1	1.46	.847	91
G34CpyNum2	1.53	.794	91
G34CpyNum3	1.62	.742	91
G34CpyNum4	1.53	.807	91
G34CpyNum5	1.68	.728	91
G34CpyNum6	1.52	.821	91
G34CpyNum7	1.49	.835	91
G34CpyNum8	1.53	.794	91
G34NumLine1	.78	.416	91
G34NumLine2	.56	.499	91
G34NumLine3	.75	.437	91
G34Count1	5.31	1.768	91
G34SameDiff1	.73	.449	91
G34SameDiff2	.60	.492	91
G34SameDiff3	.76	.431	91
G34SameDiff4	.65	.480	91
G34SameDiff5	.71	.454	91
G34SameDiff6	.63	.486	91
G34SameDiff7	.71	.454	91
G34SameDiff8	.76	.431	91
G34IdShape1	3.08	1.536	91
G34IdShape2	3.29	1.432	91
G34IdShape3	3.09	1.596	91



**Inter-Item  
Correlation Matrix**

	G34CpyNu m1	G34CpyNu m2	G34CpyNu m3	G34CpyNu m4	G34CpyNu m5	G34CpyNu m6	G34CpyNu m7	G34CpyNu m8	G34NumLi ne1	G34NumLi ne2	G34NumLi ne3	G34 Count1
G34CpyNum1	1.000	.840	.727	.858	.691	.883	.915	.906	.511	.459	.619	.386
G34CpyNum2	.840	1.000	.839	.809	.813	.788	.860	.859	.624	.452	.645	.445
G34CpyNum3	.727	.839	1.000	.825	.881	.731	.759	.820	.623	.439	.622	.523
G34CpyNum4	.858	.809	.825	1.000	.723	.875	.795	.896	.514	.471	.665	.438
G34CpyNum5	.691	.813	.881	.723	1.000	.705	.755	.775	.646	.344	.582	.517
G34CpyNum6	.883	.788	.731	.875	.705	1.000	.790	.890	.498	.452	.615	.425
G34CpyNum7	.915	.860	.759	.795	.755	.790	1.000	.893	.572	.394	.620	.408
G34CpyNum8	.906	.859	.820	.896	.775	.890	.893	1.000	.556	.452	.645	.445
G34NumLine1	.511	.624	.623	.514	.646	.498	.572	.556	1.000	.332	.729	.485
G34NumLine2	.459	.452	.439	.471	.344	.452	.394	.452	.332	1.000	.453	.331
G34NumLine3	.619	.645	.622	.665	.582	.615	.620	.645	.729	.453	1.000	.562
G34Count1	.386	.445	.523	.438	.517	.425	.408	.445	.485	.331	.562	1.000
G34SameDiff1	.542	.598	.547	.558	.545	.630	.544	.567	.625	.397	.718	.444
G34SameDiff2	.363	.455	.492	.419	.451	.374	.428	.398	.493	.461	.409	.397
G34SameDiff3	.431	.507	.575	.531	.531	.546	.429	.507	.506	.379	.439	.493
G34SameDiff4	.458	.551	.521	.484	.502	.522	.494	.492	.443	.414	.419	.391
G34SameDiff5	.548	.577	.593	.658	.528	.638	.523	.608	.487	.420	.696	.512
G34SameDiff6	.450	.516	.521	.479	.476	.461	.487	.459	.523	.414	.439	.381
G34SameDiff7	.606	.638	.659	.718	.595	.698	.582	.669	.487	.469	.640	.429
G34SameDiff8	.522	.573	.645	.595	.602	.577	.553	.573	.692	.379	.735	.493
G34IdShape1	.553	.595	.670	.621	.568	.540	.559	.586	.652	.436	.708	.556
G34IdShape2	.614	.629	.659	.637	.674	.572	.615	.629	.628	.333	.703	.562
G34IdShape3	.545	.595	.648	.558	.588	.507	.576	.577	.648	.342	.606	.482

	G34SameDif f1	G34SameDif f2	G34SameDiff 3	G34SameDif f4	G34SameDif f5	G34SameDiff 6	G34SameDiff 7	G34SameDiff 8	G34Id Shape1	G34Id Shape2	G34Id Shape3
G34CpyNum1	.542	.363	.431	.458	.548	.450	.606	.522	.553	.614	.545
G34CpyNum2	.598	.455	.507	.551	.577	.516	.638	.573	.595	.629	.595
G34CpyNum3	.547	.492	.575	.521	.593	.521	.659	.645	.670	.659	.648
G34CpyNum4	.558	.419	.531	.484	.658	.479	.718	.595	.621	.637	.558
G34CpyNum5	.545	.451	.531	.502	.528	.476	.595	.602	.568	.674	.588
G34CpyNum6	.630	.374	.546	.522	.638	.461	.698	.577	.540	.572	.507
G34CpyNum7	.544	.428	.429	.494	.523	.487	.582	.553	.559	.615	.576
G34CpyNum8	.567	.398	.507	.492	.608	.459	.669	.573	.586	.629	.577
G34NumLine1	.625	.493	.506	.443	.487	.523	.487	.692	.652	.628	.648
G34NumLine2	.397	.461	.379	.414	.420	.414	.469	.379	.436	.333	.342
G34NumLine3	.718	.409	.439	.419	.696	.439	.640	.735	.708	.703	.606
G34Count1	.444	.397	.493	.391	.512	.381	.429	.493	.556	.562	.482
G34SameDiff1	1.000	.509	.630	.526	.701	.542	.755	.802	.611	.659	.561
G34SameDiff2	.509	1.000	.645	.722	.434	.769	.483	.540	.423	.431	.399
G34SameDiff3	.630	.645	1.000	.713	.666	.625	.722	.580	.482	.420	.419
G34SameDiff4	.526	.722	.713	1.000	.502	.811	.604	.444	.399	.422	.447
G34SameDiff5	.701	.434	.666	.502	1.000	.517	.838	.666	.573	.605	.510
G34SameDiff6	.542	.769	.625	.811	.517	1.000	.618	.572	.529	.586	.558
G34SameDiff7	.755	.483	.722	.604	.838	.618	1.000	.779	.637	.673	.587
G34SameDiff8	.802	.540	.580	.444	.666	.572	.779	1.000	.734	.726	.646
G34IdShape1	.611	.423	.482	.399	.573	.529	.637	.734	1.000	.803	.858
G34IdShape2	.659	.431	.420	.422	.605	.586	.673	.726	.803	1.000	.825
G34IdShape3	.561	.399	.419	.447	.510	.558	.587	.646	.858	.825	1.000

**Summary Item Statistics**

	Mean	Minimum	Maximum	Range	Maximum / Minimum	Variance	N of Items
Item Means	1.511	.560	5.308	4.747	9.471	1.361	23
Item Variances	.760	.173	3.126	2.953	18.032	.751	23
Inter-Item Correlations	.579	.331	.915	.583	2.761	.018	23

## Item-Total Statistics

	Scale Mean if Item Deleted	Scale Variance if Item Deleted	Corrected Item-Total Correlation	Squared Multiple Correlation	Cronbach's Alpha if Item Deleted
G34CpyNum1	33.29	172.984	.791	.	.946
G34CpyNum2	33.22	173.284	.833	.	.946
G34CpyNum3	33.13	174.094	.852	.	.946
G34CpyNum4	33.22	173.062	.829	.	.946
G34CpyNum5	33.07	175.329	.802	.	.946
G34CpyNum6	33.23	173.491	.793	.	.946
G34CpyNum7	33.25	173.080	.799	.	.946
G34CpyNum8	33.22	173.196	.838	.	.946
G34NumLine1	33.97	182.966	.727	.	.949
G34NumLine2	34.19	184.176	.509	.	.950
G34NumLine3	34.00	181.844	.788	.	.948
G34Count1	29.44	161.671	.590	.	.955
G34SameDiff1	34.02	182.155	.740	.	.948
G34SameDiff2	34.14	183.435	.574	.	.949
G34SameDiff3	33.99	183.544	.651	.	.949
G34SameDiff4	34.10	183.046	.619	.	.949
G34SameDiff5	34.03	182.143	.732	.	.948
G34SameDiff6	34.12	182.396	.661	.	.949
G34SameDiff7	34.03	181.432	.791	.	.948
G34SameDiff8	33.99	182.033	.784	.	.948
G34IdShape1	31.67	158.135	.798	.	.947
G34IdShape2	31.46	159.651	.819	.	.946
G34IdShape3	31.66	158.138	.763	.	.949

**Scale Statistics**

Mean	Variance	Std. Deviation	N of Items
34.75	191.324	13.832	23

**Scale: GBand 34 Math Total Subscale Raw**

**Case Processing Summary**

		N	%
Cases	Valid	108	93.1
	Excluded <sup>a</sup>	8	6.9
	Total	116	100.0

a. Listwise deletion based on all variables in the procedure.

**Reliability Statistics**

Cronbach's Alpha	Cronbach's Alpha Based on Standardized Items	N of Items
.849	.929	5

**Item Statistics**

	Mean	Std. Deviation	N
G34CopyNumb	10.72	6.754	108
G34NumberLine	1.82	1.229	108
G34Count	4.80	2.283	108
G34SameDiff	4.82	3.387	108
G34Shapes	8.19	5.069	108

**Inter-Item Correlation Matrix**

	G34CopyNumb	G34NumberLine	G34Count	G34SameDiff	G34Shapes
G34CopyNumb	1.000	.757	.642	.725	.752
G34NumberLine	.757	1.000	.677	.792	.816
G34Count	.642	.677	1.000	.596	.692
G34SameDiff	.725	.792	.596	1.000	.774
G34Shapes	.752	.816	.692	.774	1.000

**Summary Item Statistics**

	Mean	Minimum	Maximum	Range	Maximum / Minimum	Variance	N of Items
Item Means	6.072	1.824	10.722	8.898	5.878	11.840	5
Item Variances	17.902	1.511	45.623	44.112	30.198	325.049	5
Inter-Item Correlations	.722	.596	.816	.220	1.368	.005	5

**Item-Total Statistics**

	Scale Mean if Item Deleted	Scale Variance if Item Deleted	Corrected Item-Total Correlation	Squared Multiple Correlation	Cronbach's Alpha if Item Deleted
G34CopyNumb	19.64	116.233	.804	.655	.830
G34NumberLine	28.54	244.270	.862	.758	.853
G34Count	25.56	224.865	.713	.531	.833
G34SameDiff	25.54	191.858	.805	.691	.791
G34Shapes	22.17	149.000	.842	.748	.762

**Scale Statistics**

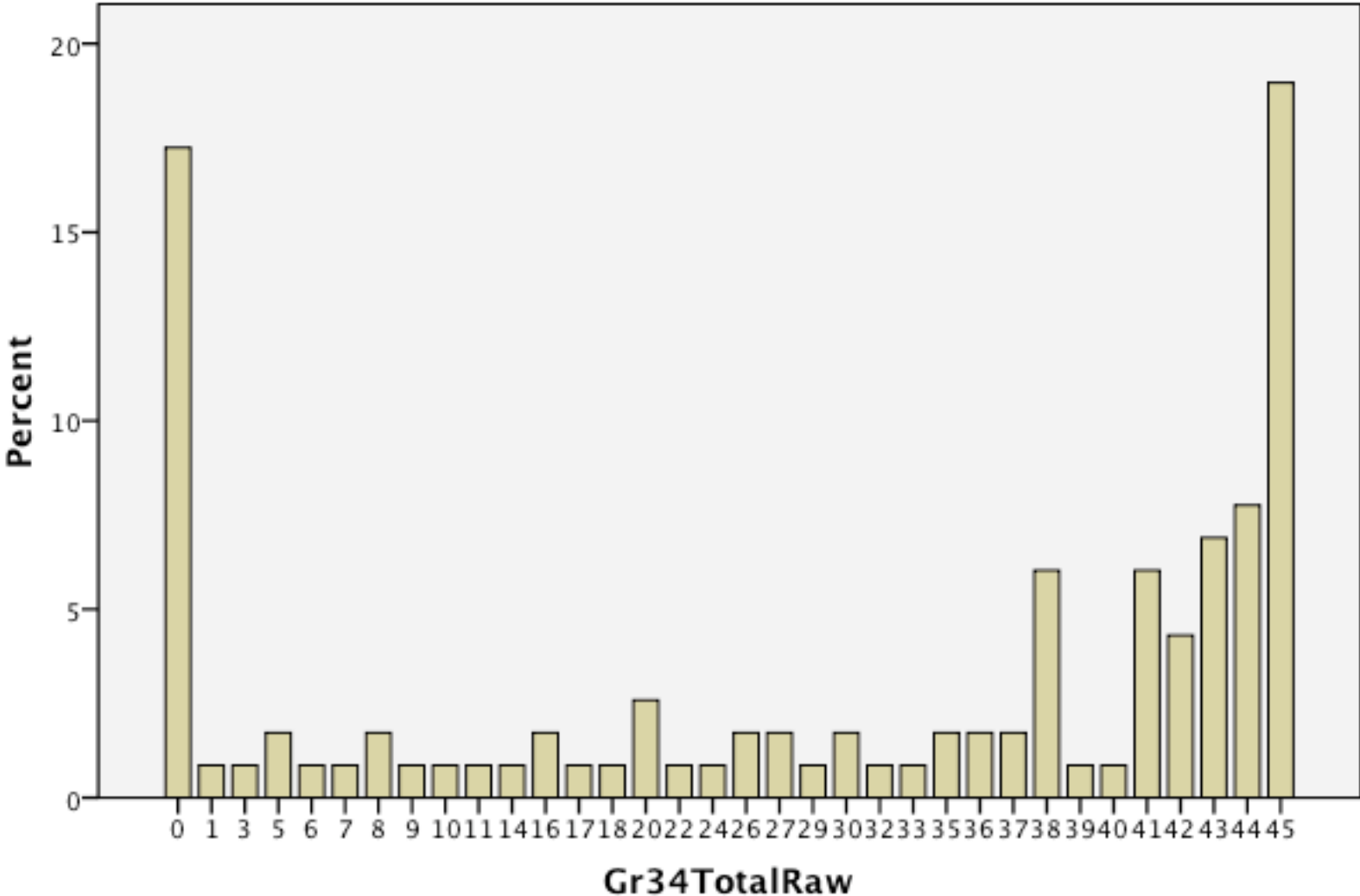
Mean	Variance	Std. Deviation	N of Items
30.36	278.906	16.700	5

**Statistics**

Gr34TotalRaw

N	Valid	116
	Missing	0

### Gr34TotalRaw



**Descriptive Statistics**

	N	Minimum	Maximum	Mean	Std. Deviation
Gr34TotalRaw	116	0	45	28.52	17.631
Valid N (listwise)	116				

**Statistics**

		G34ProfCat	G34Above-Below
N	Valid	94	94
	Missing	22	22

**Frequency Table**

**G34ProfCat**

		Frequency	Percent	Valid Percent	Cumulative Percent
Valid	1	21	18.1	22.3	22.3
	2	14	12.1	14.9	37.2
	3	14	12.1	14.9	52.1
	4	45	38.8	47.9	100.0
Total		94	81.0	100.0	
Missing	System	22	19.0		
Total		116	100.0		

**G34Above-Below**

		Frequency	Percent	Valid Percent	Cumulative Percent
Valid	0	35	30.2	37.2	37.2
	1	59	50.9	62.8	100.0
	Total	94	81.0	100.0	
Missing	System	22	19.0		
Total		116	100.0		

Scale: GBand 56 Math Task 1 Raw

**Case Processing Summary**

		N	%
Cases	Valid	99	83.2
	Excluded <sup>a</sup>	20	16.8
	Total	119	100.0

a. Listwise deletion based on all variables in the procedure.

**Reliability Statistics**

Cronbach's Alpha	Cronbach's Alpha Based on Standardized Items	N of Items
.814	.852	5

**Item Statistics**

	Mean	Std. Deviation	N
G56RdWrNum1	.96	.198	99
G56RdWrNum2	.92	.274	99
G56RdWrNum3	1.77	.586	99
G56RdWrNum4	.89	.316	99
G56RdWrNum5	1.81	.566	99

**Inter-Item Correlation Matrix**

	G56RdWrNum1	G56RdWrNum2	G56RdWrNum3	G56RdWrNum4	G56RdWrNum5
G56RdWrNum1	1.000	.692	.358	.580	.386
G56RdWrNum2	.692	1.000	.390	.603	.492
G56RdWrNum3	.358	.390	1.000	.465	.880
G56RdWrNum4	.580	.603	.465	1.000	.508
G56RdWrNum5	.386	.492	.880	.508	1.000

**Summary Item Statistics**

	Mean	Minimum	Maximum	Range	Maximum / Minimum	Variance	N of Items
Item Means	1.269	.889	1.808	.919	2.034	.225	5
Item Variances	.175	.039	.343	.304	8.768	.021	5
Inter-Item Correlations	.535	.358	.880	.522	2.457	.024	5

**Item-Total Statistics**

	Scale Mean if Item Deleted	Scale Variance if Item Deleted	Corrected Item-Total Correlation	Squared Multiple Correlation	Cronbach's Alpha if Item Deleted
G56RdWrNum1	5.38	2.157	.545	.527	.815
G56RdWrNum2	5.42	1.981	.593	.580	.793
G56RdWrNum3	4.58	1.206	.749	.782	.743
G56RdWrNum4	5.45	1.883	.612	.469	.783
G56RdWrNum5	4.54	1.190	.813	.803	.709

**Scale Statistics**

Mean	Variance	Std. Deviation	N of Items
6.34	2.514	1.585	5

Scale: GBand 56 Math Task 2 Raw

**Case Processing Summary**

		N	%
Cases	Valid	99	83.2
	Excluded <sup>a</sup>	20	16.8
	Total	119	100.0

a. Listwise deletion based on all variables in the procedure.

**Reliability Statistics**

Cronbach's Alpha	Cronbach's Alpha Based on Standardized Items	N of Items
.719	.726	3

**Item Statistics**

	Mean	Std. Deviation	N
G56NumLine1	.83	.379	99
G56NumLine2	.76	.431	99
G56NumLine3	.59	.495	99

**Inter-Item Correlation Matrix**

	G56NumLine1	G56NumLine2	G56NumLine3
G56NumLine1	1.000	.492	.433
G56NumLine2	.492	1.000	.481
G56NumLine3	.433	.481	1.000

**Summary Item Statistics**

	Mean	Minimum	Maximum	Range	Maximum / Minimum	Variance	N of Items
Item Means	.724	.586	.828	.242	1.414	.016	3
Item Variances	.191	.144	.245	.101	1.706	.003	3
Inter-Item Correlations	.469	.433	.492	.060	1.138	.001	3

**Item-Total Statistics**

	Scale Mean if Item Deleted	Scale Variance if Item Deleted	Corrected Item-Total Correlation	Squared Multiple Correlation	Cronbach's Alpha if Item Deleted
G56NumLine1	1.34	.636	.535	.292	.646
G56NumLine2	1.41	.551	.572	.331	.589
G56NumLine3	1.59	.490	.531	.282	.656

**Scale Statistics**

Mean	Variance	Std. Deviation	N of Items
2.17	1.103	1.050	3

Scale: GBand 56 Math Task 5 Raw

**Case Processing Summary**

		N	%
Cases	Valid	99	83.2
	Excluded <sup>a</sup>	20	16.8
	Total	119	100.0

a. Listwise deletion based on all variables in the procedure.

**Reliability Statistics**

Cronbach's Alpha	Cronbach's Alpha Based on Standardized Items	N of Items
.922	.923	7

**Item Statistics**

	Mean	Std. Deviation	N
G56SimpAdd1	1.58	.809	99
G56SimpAdd2	1.54	.837	99
G56SimpAdd3	1.52	.850	99
G56SimpAdd4	1.30	.942	99
G56SimpAdd5	1.36	.920	99
G56SimpAdd6	1.41	.904	99
G56SimpAdd7	1.23	.956	99

**Inter-Item Correlation Matrix**

	G56SimpAdd1	G56SimpAdd2	G56SimpAdd3	G56SimpAdd4	G56SimpAdd5	G56SimpAdd6	G56SimpAdd7
G56SimpAdd1	1.000	.655	.692	.425	.593	.578	.590
G56SimpAdd2	.655	1.000	.742	.595	.712	.648	.544
G56SimpAdd3	.692	.742	1.000	.568	.633	.676	.517
G56SimpAdd4	.425	.595	.568	1.000	.661	.666	.703
G56SimpAdd5	.593	.712	.633	.661	1.000	.750	.645
G56SimpAdd6	.578	.648	.676	.666	.750	1.000	.655
G56SimpAdd7	.590	.544	.517	.703	.645	.655	1.000

**Summary Item Statistics**

	Mean	Minimum	Maximum	Range	Maximum / Minimum	Variance	N of Items
Item Means	1.420	1.232	1.576	.343	1.279	.016	7
Item Variances	.792	.655	.915	.260	1.397	.010	7
Inter-Item Correlations	.631	.425	.750	.325	1.766	.006	7

**Item-Total Statistics**

	Scale Mean if Item Deleted	Scale Variance if Item Deleted	Corrected Item-Total Correlation	Squared Multiple Correlation	Cronbach's Alpha if Item Deleted
G56SimpAdd1	8.36	20.662	.697	.608	.916
G56SimpAdd2	8.40	19.917	.780	.670	.908
G56SimpAdd3	8.42	19.941	.762	.673	.910
G56SimpAdd4	8.64	19.519	.726	.632	.914
G56SimpAdd5	8.58	19.104	.808	.681	.905
G56SimpAdd6	8.53	19.252	.804	.672	.906
G56SimpAdd7	8.71	19.373	.731	.630	.913

**Scale Statistics**

Mean	Variance	Std. Deviation	N of Items
9.94	26.445	5.142	7

**Scale: GBand 56 Math Task 6 Raw**

**Case Processing Summary**

		N	%
Cases	Valid	99	83.2
	Excluded <sup>a</sup>	20	16.8
	Total	119	100.0

a. Listwise deletion based on all variables in the procedure.

**Reliability Statistics**

Cronbach's Alpha	Cronbach's Alpha Based on Standardized Items	N of Items
.852	.882	7

**Item Statistics**

	Mean	Std. Deviation	N
G56SimpPat1	1.78	.599	99
G56SimpPat2	1.46	.690	99
G56SimpPat3	1.74	.648	99
G56SimpPat4	1.59	.769	99
G56SimpPat5	1.54	.812	99
G56SimpPat6	1.53	.837	99
G56SimpPat7	1.72	1.371	99

**Inter-Item Correlation Matrix**

	G56SimpPat1	G56SimpPat2	G56SimpPat3	G56SimpPat4	G56SimpPat5	G56SimpPat6	G56SimpPat7
G56SimpPat1	1.000	.599	.637	.618	.478	.459	.234
G56SimpPat2	.599	1.000	.413	.539	.462	.421	.378
G56SimpPat3	.637	.413	1.000	.659	.561	.595	.260
G56SimpPat4	.618	.539	.659	1.000	.816	.658	.449
G56SimpPat5	.478	.462	.561	.816	1.000	.648	.486
G56SimpPat6	.459	.421	.595	.658	.648	1.000	.487
G56SimpPat7	.234	.378	.260	.449	.486	.487	1.000

**Summary Item Statistics**

	Mean	Minimum	Maximum	Range	Maximum / Minimum	Variance	N of Items
Item Means	1.620	1.465	1.778	.313	1.214	.015	7
Item Variances	.726	.358	1.878	1.520	5.243	.274	7
Inter-Item Correlations	.517	.234	.816	.582	3.492	.019	7

**Item-Total Statistics**

	Scale Mean if Item Deleted	Scale Variance if Item Deleted	Corrected Item-Total Correlation	Squared Multiple Correlation	Cronbach's Alpha if Item Deleted
G56SimpPat1	9.57	15.636	.605	.569	.837
G56SimpPat2	9.88	15.230	.586	.439	.837
G56SimpPat3	9.61	15.221	.637	.566	.832
G56SimpPat4	9.76	13.655	.811	.761	.805
G56SimpPat5	9.81	13.646	.759	.698	.811
G56SimpPat6	9.82	13.722	.716	.548	.817
G56SimpPat7	9.63	12.277	.490	.330	.887

**Scale Statistics**

Mean	Variance	Std. Deviation	N of Items
11.34	18.860	4.343	7

**Scale: GBand 56 Math Task 7 Raw**

**Case Processing Summary**

		N	%
Cases	Valid	99	83.2
	Excluded <sup>a</sup>	20	16.8
	Total	119	100.0

a. Listwise deletion based on all variables in the procedure.

**Reliability Statistics**

Cronbach's Alpha	Cronbach's Alpha Based on Standardized Items	N of Items
.850	.885	10

**Item Statistics**

	Mean	Std. Deviation	N
G56SimpGrph1	.87	.339	99
G56SimpGrph2	.57	.498	99
G56SimpGrph3	.91	.289	99
G56SimpGrph4	.87	.339	99
G56SimpGrph5	1.19	.965	99
G56SimpGrph6	.93	.258	99
G56SimpGrph7	.89	.316	99
G56SimpGrph8	1.11	.925	99
G56SimpGrph9	1.08	.911	99
G56SimpGrph10	1.12	.951	99

**Inter-Item Correlation Matrix**

	G56Simp Grph1	G56Simp Grph2	G56Simp Grph3	G56Simp Grph4	G56Simp Grph5	G56Simp Grph6	G56Simp Grph7	G56Simp Grph8	G56Simp Grph9	G56SimpG rph10
G56SimpGrph1	1.000	.444	.501	.557	.233	.709	.624	.307	.233	.240
G56SimpGrph2	.444	1.000	.290	.383	.387	.315	.339	.350	.393	.328
G56SimpGrph3	.501	.290	1.000	.605	.319	.735	.559	.306	.222	.301
G56SimpGrph4	.557	.383	.605	1.000	.358	.593	.624	.372	.233	.334
G56SimpGrph5	.233	.387	.319	.358	1.000	.260	.372	.742	.585	.875
G56SimpGrph6	.709	.315	.735	.593	.260	1.000	.780	.333	.242	.244
G56SimpGrph7	.624	.339	.559	.624	.372	.780	1.000	.427	.244	.351
G56SimpGrph8	.307	.350	.306	.372	.742	.333	.427	1.000	.680	.646
G56SimpGrph9	.233	.393	.222	.233	.585	.242	.244	.680	1.000	.625
G56SimpGrph10	.240	.328	.301	.334	.875	.244	.351	.646	.625	1.000

**Summary Item Statistics**

	Mean	Minimum	Maximum	Range	Maximum / Minimum	Variance	N of Items
Item Means	.954	.566	1.192	.626	2.107	.033	10
Item Variances	.425	.066	.932	.866	14.043	.157	10
Inter-Item Correlations	.436	.222	.875	.653	3.942	.032	10

**Item-Total Statistics**

	Scale Mean if Item Deleted	Scale Variance if Item Deleted	Corrected Item-Total Correlation	Squared Multiple Correlation	Cronbach's Alpha if Item Deleted
G56SimpGrph1	8.67	16.714	.461	.586	.847
G56SimpGrph2	8.97	15.948	.481	.342	.843
G56SimpGrph3	8.63	16.890	.478	.613	.848
G56SimpGrph4	8.67	16.551	.522	.528	.844
G56SimpGrph5	8.34	11.922	.788	.833	.812
G56SimpGrph6	8.61	16.976	.502	.795	.848
G56SimpGrph7	8.65	16.578	.556	.690	.843
G56SimpGrph8	8.42	12.328	.759	.681	.815
G56SimpGrph9	8.45	13.006	.650	.578	.829
G56SimpGrph10	8.41	12.204	.753	.799	.817

**Scale Statistics**

Mean	Variance	Std. Deviation	N of Items
9.54	18.108	4.255	10

Scale: GBand 56 Math Task 8 Raw

**Case Processing Summary**

		N	%
Cases	Valid	99	83.2
	Excluded <sup>a</sup>	20	16.8
	Total	119	100.0

a. Listwise deletion based on all variables in the procedure.

**Reliability Statistics**

Cronbach's Alpha	Cronbach's Alpha Based on Standardized Items	N of Items
.897	.897	2

**Item Statistics**

	Mean	Std. Deviation	N
G56Shrt/Lng1	2.13	1.149	99
G56Shrt/Lng2	2.08	1.158	99

**Inter-Item Correlation Matrix**

	G56Shrt/Lng1	G56Shrt/Lng2
G56Shrt/Lng1	1.000	.813
G56Shrt/Lng2	.813	1.000

**Summary Item Statistics**

	Mean	Minimum	Maximum	Range	Maximum / Minimum	Variance	N of Items
Item Means	2.106	2.081	2.131	.051	1.024	.001	2
Item Variances	1.330	1.319	1.340	.021	1.016	.000	2
Inter-Item Correlations	.813	.813	.813	.000	1.000	.000	2

**Item-Total Statistics**

	Scale Mean if Item Deleted	Scale Variance if Item Deleted	Corrected Item-Total Correlation	Squared Multiple Correlation	Cronbach's Alpha if Item Deleted
G56Shrt/Lng1	2.08	1.340	.813	.661	. <sup>a</sup>
G56Shrt/Lng2	2.13	1.319	.813	.661	. <sup>a</sup>

a. The value is negative due to a negative average covariance among items. This violates reliability model assumptions. You may want to check item codings.

**Scale Statistics**

Mean	Variance	Std. Deviation	N of Items
4.21	4.822	2.196	2

Scale: GBand 56 Math Task 9 Raw

**Case Processing Summary**

		N	%
Cases	Valid	99	83.2
	Excluded <sup>a</sup>	20	16.8
	Total	119	100.0

a. Listwise deletion based on all variables in the procedure.

**Reliability Statistics**

Cronbach's Alpha	Cronbach's Alpha Based on Standardized Items	N of Items
.826	.826	4

**Item Statistics**

	Mean	Std. Deviation	N
G56IdMoney1	1.70	.721	99
G56IdMoney2	1.52	.861	99
G56IdMoney3	1.54	.849	99
G56IdMoney4	1.52	.861	99

**Inter-Item Correlation Matrix**

	G56IdMoney1	G56IdMoney2	G56IdMoney3	G56IdMoney4
G56IdMoney1	1.000	.484	.435	.616
G56IdMoney2	.484	1.000	.693	.505
G56IdMoney3	.435	.693	1.000	.526
G56IdMoney4	.616	.505	.526	1.000

**Summary Item Statistics**

	Mean	Minimum	Maximum	Range	Maximum / Minimum	Variance	N of Items
Item Means	1.566	1.515	1.697	.182	1.120	.008	4
Item Variances	.681	.519	.742	.223	1.429	.012	4
Inter-Item Correlations	.543	.435	.693	.259	1.595	.008	4

**Item-Total Statistics**

	Scale Mean if Item Deleted	Scale Variance if Item Deleted	Corrected Item-Total Correlation	Squared Multiple Correlation	Cronbach's Alpha if Item Deleted
G56IdMoney1	4.57	4.738	.605	.419	.802
G56IdMoney2	4.75	4.048	.682	.527	.765
G56IdMoney3	4.73	4.119	.672	.523	.770
G56IdMoney4	4.75	4.129	.652	.467	.780

**Scale Statistics**

Mean	Variance	Std. Deviation	N of Items
6.26	7.155	2.675	4

Scale: GBand 56 Math Task 10 Raw

**Case Processing Summary**

		N	%
Cases	Valid	99	83.2
	Excluded <sup>a</sup>	20	16.8
	Total	119	100.0

a. Listwise deletion based on all variables in the procedure.

**Reliability Statistics**

Cronbach's Alpha	Cronbach's Alpha Based on Standardized Items	N of Items
.814	.822	7

**Item Statistics**

	Mean	Std. Deviation	N
G56IdShape1	.96	.198	99
G56IdShape2	.88	.328	99
G56IdShape3	.84	.370	99
G56IdShape4	.91	.289	99
G56IdShape5	.85	.360	99
G56IdShape6	.75	.437	99
G56IdShape7	.73	.448	99

**Inter-Item Correlation Matrix**

	G56IdShape1	G56IdShape2	G56IdShape3	G56IdShape4	G56IdShape5	G56IdShape6	G56IdShape7
G56IdShape1	1.000	.238	.467	.470	.199	.353	.220
G56IdShape2	.238	1.000	.341	.098	.361	.354	.329
G56IdShape3	.467	.341	1.000	.625	.580	.440	.471
G56IdShape4	.470	.098	.625	1.000	.650	.463	.359
G56IdShape5	.199	.361	.580	.650	1.000	.597	.374
G56IdShape6	.353	.354	.440	.463	.597	1.000	.375
G56IdShape7	.220	.329	.471	.359	.374	.375	1.000

**Summary Item Statistics**

	Mean	Minimum	Maximum	Range	Maximum / Minimum	Variance	N of Items
Item Means	.844	.727	.960	.232	1.319	.007	7
Item Variances	.127	.039	.200	.161	5.116	.003	7
Inter-Item Correlations	.398	.098	.650	.552	6.645	.020	7

**Item-Total Statistics**

	Scale Mean if Item Deleted	Scale Variance if Item Deleted	Corrected Item-Total Correlation	Squared Multiple Correlation	Cronbach's Alpha if Item Deleted
G56IdShape1	4.95	2.620	.440	.392	.811
G56IdShape2	5.03	2.417	.407	.312	.813
G56IdShape3	5.07	2.066	.693	.549	.764
G56IdShape4	5.00	2.306	.628	.630	.781
G56IdShape5	5.06	2.098	.682	.639	.766
G56IdShape6	5.16	1.994	.613	.438	.780
G56IdShape7	5.18	2.089	.503	.285	.805

**Scale Statistics**

Mean	Variance	Std. Deviation	N of Items
5.91	2.941	1.715	7

Scale: GBand 56 Math Task 11 Raw

**Case Processing Summary**

		N	%
Cases	Valid	99	83.2
	Excluded <sup>a</sup>	20	16.8
	Total	119	100.0

a. Listwise deletion based on all variables in the procedure.

**Reliability Statistics**

Cronbach's Alpha	Cronbach's Alpha Based on Standardized Items	N of Items
.758	.761	3

**Item Statistics**

	Mean	Std. Deviation	N
G56Sm/DfShp1	.78	.418	99
G56Sm/DfShp2	.90	.303	99
G56Sm/DfShp3	.77	.424	99

**Inter-Item Correlation Matrix**

	G56Sm/DfShp1	G56Sm/DfShp2	G56Sm/DfShp3
G56Sm/DfShp1	1.000	.546	.626
G56Sm/DfShp2	.546	1.000	.371
G56Sm/DfShp3	.626	.371	1.000

**Summary Item Statistics**

	Mean	Minimum	Maximum	Range	Maximum / Minimum	Variance	N of Items
Item Means	.815	.768	.899	.131	1.171	.005	3
Item Variances	.149	.092	.180	.088	1.964	.002	3
Inter-Item Correlations	.515	.371	.626	.255	1.688	.014	3

**Item-Total Statistics**

	Scale Mean if Item Deleted	Scale Variance if Item Deleted	Corrected Item-Total Correlation	Squared Multiple Correlation	Cronbach's Alpha if Item Deleted
G56Sm/DfShp1	1.67	.367	.712	.507	.520
G56Sm/DfShp2	1.55	.577	.508	.300	.770
G56Sm/DfShp3	1.68	.405	.588	.394	.684

**Scale Statistics**

Mean	Variance	Std. Deviation	N of Items
2.44	.902	.950	3

**Scale: GBand 56 Math Total Item Raw**

**Case Processing Summary**

		N	%
Cases	Valid	99	83.2
	Excluded <sup>a</sup>	20	16.8
	Total	119	100.0

a. Listwise deletion based on all variables in the procedure.

**Reliability Statistics**

Cronbach's Alpha	Cronbach's Alpha Based on Standardized Items	N of Items
.950	.965	51

## Item Statistics

	Mean	Std. Deviation	N
G56RdWrNum1	.96	.198	99
G56RdWrNum2	.92	.274	99
G56RdWrNum3	1.77	.586	99
G56RdWrNum4	.89	.316	99
G56RdWrNum5	1.81	.566	99
G56NumLine1	.83	.379	99
G56NumLine2	.76	.431	99
G56NumLine3	.59	.495	99
G56CntObj1	.94	.240	99
G56Count1	2.74	.694	99
G56SimpAdd1	1.58	.809	99
G56SimpAdd2	1.54	.837	99
G56SimpAdd3	1.52	.850	99
G56SimpAdd4	1.30	.942	99
G56SimpAdd5	1.36	.920	99
G56SimpAdd6	1.41	.904	99
G56SimpAdd7	1.23	.956	99
G56SimpPat1	1.78	.599	99
G56SimpPat2	1.46	.690	99
G56SimpPat3	1.74	.648	99
G56SimpPat4	1.59	.769	99
G56SimpPat5	1.54	.812	99
G56SimpPat6	1.53	.837	99
G56SimpPat7	1.72	1.371	99

G56SimpGrph1	.87	.339	99
G56SimpGrph2	.57	.498	99
G56SimpGrph3	.91	.289	99
G56SimpGrph4	.87	.339	99
G56SimpGrph5	1.19	.965	99
G56SimpGrph6	.93	.258	99
G56SimpGrph7	.89	.316	99
G56SimpGrph8	1.11	.925	99
G56SimpGrph9	1.08	.911	99
G56SimpGrph10	1.12	.951	99
G56Shrt/Lng1	2.13	1.149	99
G56Shrt/Lng2	2.08	1.158	99
G56IdMoney1	1.70	.721	99
G56IdMoney2	1.52	.861	99
G56IdMoney3	1.54	.849	99
G56IdMoney4	1.52	.861	99
G56IdShape1	.96	.198	99
G56IdShape2	.88	.328	99
G56IdShape3	.84	.370	99
G56IdShape4	.91	.289	99
G56IdShape5	.85	.360	99
G56IdShape6	.75	.437	99
G56IdShape7	.73	.448	99
G56Sm/DfShp1	.78	.418	99
G56Sm/DfShp2	.90	.303	99
G56Sm/DfShp3	.77	.424	99
G56IdPerim1	1.39	1.766	99

**Summary Item Statistics**

	Mean	Minimum	Maximum	Range	Maximum / Minimum	Variance	N of Items
Item Means	1.240	.566	2.737	2.172	4.839	.206	51
Item Variances	.524	.039	3.119	3.080	79.626	.299	51
Inter-Item Correlations	.349	.004	.880	.876	242.594	.017	51

## Item-Total Statistics

	Scale Mean if Item Deleted	Scale Variance if Item Deleted	Corrected Item-Total Correlation	Squared Multiple Correlation	Cronbach's Alpha if Item Deleted
G56RdWrNum1	62.27	384.384	.529	.	.950
G56RdWrNum2	62.31	382.850	.523	.	.949
G56RdWrNum3	61.46	377.843	.454	.	.949
G56RdWrNum4	62.34	380.881	.612	.	.949
G56RdWrNum5	61.42	376.186	.548	.	.949
G56NumLine1	62.40	380.529	.531	.	.949
G56NumLine2	62.47	380.497	.467	.	.949
G56NumLine3	62.65	375.986	.640	.	.949
G56CntObj1	62.29	383.148	.567	.	.949
G56Count1	60.49	369.987	.677	.	.948
G56SimpAdd1	61.66	369.167	.602	.	.948
G56SimpAdd2	61.70	367.254	.641	.	.948
G56SimpAdd3	61.72	367.307	.630	.	.948
G56SimpAdd4	61.93	367.413	.560	.	.949
G56SimpAdd5	61.87	363.789	.681	.	.948
G56SimpAdd6	61.82	363.620	.699	.	.948
G56SimpAdd7	62.00	366.816	.568	.	.949
G56SimpPat1	61.45	373.108	.651	.	.948
G56SimpPat2	61.77	373.405	.549	.	.949
G56SimpPat3	61.49	373.008	.603	.	.949
G56SimpPat4	61.65	367.210	.703	.	.948
G56SimpPat5	61.70	367.336	.660	.	.948
G56SimpPat6	61.71	367.189	.643	.	.948
G56SimpPat7	61.52	364.497	.423	.	.951

G56SimpGrph1	62.36	381.642	.510	.949
G56SimpGrph2	62.67	380.510	.400	.949
G56SimpGrph3	62.32	382.507	.525	.949
G56SimpGrph4	62.36	381.928	.489	.949
G56SimpGrph5	62.04	360.141	.749	.947
G56SimpGrph6	62.30	382.336	.608	.949
G56SimpGrph7	62.34	380.901	.610	.949
G56SimpGrph8	62.12	363.067	.698	.948
G56SimpGrph9	62.15	366.395	.611	.948
G56SimpGrph10	62.11	362.630	.690	.948
G56Shrt/Lng1	61.10	361.377	.591	.949
G56Shrt/Lng2	61.15	363.314	.541	.949
G56IdMoney1	61.54	372.619	.553	.949
G56IdMoney2	61.72	369.001	.568	.949
G56IdMoney3	61.70	369.928	.547	.949
G56IdMoney4	61.72	375.205	.377	.950
G56IdShape1	62.27	384.853	.468	.950
G56IdShape2	62.35	381.741	.521	.949
G56IdShape3	62.39	379.302	.631	.949
G56IdShape4	62.32	382.303	.543	.949
G56IdShape5	62.38	378.953	.673	.949
G56IdShape6	62.48	377.865	.617	.949
G56IdShape7	62.51	379.293	.518	.949
G56Sm/DfShp1	62.45	378.761	.590	.949
G56Sm/DfShp2	62.33	381.429	.592	.949
G56Sm/DfShp3	62.46	380.353	.483	.949
G56IdPerim1	61.84	362.770	.337	.954

**Scale Statistics**

Mean	Variance	Std. Deviation	N of Items
63.23	388.527	19.711	51

**Scale: GBand 56 Math Total Subscale Raw**

**Case Processing Summary**

		N	%
Cases	Valid	107	89.9
	Excluded <sup>a</sup>	12	10.1
	Total	119	100.0

a. Listwise deletion based on all variables in the procedure.

**Reliability Statistics**

Cronbach's Alpha	Cronbach's Alpha Based on Standardized Items	N of Items
.853	.918	12

## Item Statistics

	Mean	Std. Deviation	N
G56RWNumerals	6.18	1.753	107
G56NumberLine	2.07	1.118	107
G56CountObjs	.92	.279	107
G56Count	2.64	.829	107
G56SimpAdd	9.46	5.488	107
G56RepSimpPtrns	11.00	4.558	107
G56RdSimpGrphs	9.06	4.468	107
G56ShortLong	4.07	2.239	107
G56IDMoney	6.02	2.848	107
G56IDShapes	5.78	1.829	107
G56SameDiffShapes	2.35	.991	107
G56IDPerimtr	1.35	1.749	107

**Inter-Item Correlation Matrix**

	G56RW Numerals	G56 NumberLine	G56 CountObjs	G56Count	G56SimpA dd	G56Rep SimpPptrns	G56RdSimp Grphs	G56ShortL ong	G56ID Money	G56ID Shapes	G56SameDi ffShapes	G56ID Perimtr
G56RWNumerals	1.000	.384	.552	.630	.500	.521	.578	.343	.532	.507	.507	.235
G56NumberLine	.384	1.000	.441	.504	.524	.487	.736	.586	.485	.538	.609	.302
G56CountObjs	.552	.441	1.000	.683	.408	.475	.473	.358	.430	.610	.482	.157
G56Count	.630	.504	.683	1.000	.410	.575	.566	.533	.483	.717	.649	.296
G56SimpAdd	.500	.524	.408	.410	1.000	.588	.618	.363	.457	.525	.375	.222
G56RepSimpPptrns	.521	.487	.475	.575	.588	1.000	.678	.414	.400	.610	.566	.198
G56RdSimpGrphs	.578	.736	.473	.566	.618	.678	1.000	.581	.508	.650	.641	.319
G56ShortLong	.343	.586	.358	.533	.363	.414	.581	1.000	.370	.573	.651	.294
G56IDMoney	.532	.485	.430	.483	.457	.400	.508	.370	1.000	.613	.445	.279
G56IDShapes	.507	.538	.610	.717	.525	.610	.650	.573	.613	1.000	.641	.311
G56SameDiffShapes	.507	.609	.482	.649	.375	.566	.641	.651	.445	.641	1.000	.213
G56IDPerimtr	.235	.302	.157	.296	.222	.198	.319	.294	.279	.311	.213	1.000

**Summary Item Statistics**

	Mean	Minimum	Maximum	Range	Maximum / Minimum	Variance	N of Items
Item Means	5.072	.916	11.000	10.084	12.010	11.584	12
Item Variances	8.038	.078	30.118	30.041	387.306	98.704	12
Inter-Item Correlations	.483	.157	.736	.579	4.689	.019	12

**Item-Total Statistics**

	Scale Mean if Item Deleted	Scale Variance if Item Deleted	Corrected Item-Total Correlation	Squared Multiple Correlation	Cronbach's Alpha if Item Deleted
G56RWNumerals	54.69	394.668	.651	.585	.840
G56NumberLine	58.80	409.593	.712	.644	.844
G56CountObjs	59.95	436.045	.596	.537	.857
G56Count	58.23	418.671	.699	.702	.848
G56SimpAdd	51.41	290.150	.657	.511	.849
G56RepSimpPtrns	49.87	309.171	.706	.583	.831
G56RdSimpGrphs	51.81	297.569	.814	.741	.817
G56ShortLong	56.79	386.410	.587	.532	.840
G56IDMoney	54.85	369.581	.597	.484	.837
G56IDShapes	55.09	384.727	.766	.711	.834
G56SameDiffShapes	58.52	414.290	.688	.639	.847
G56IDPerimtr	59.52	416.157	.334	.171	.853

**Scale Statistics**

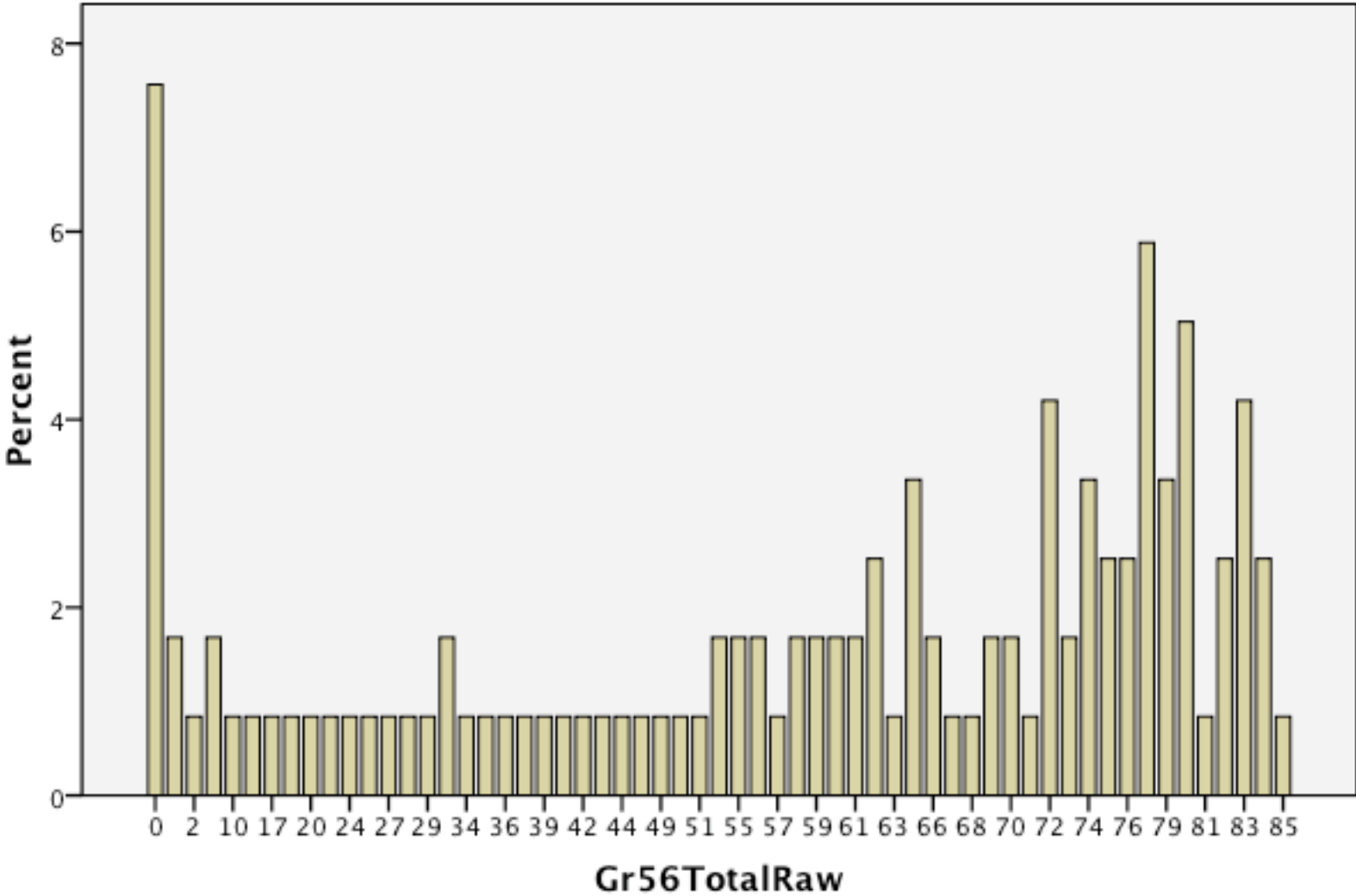
Mean	Variance	Std. Deviation	N of Items
60.87	443.058	21.049	12

**Statistics**

Gr56TotalRaw

N	Valid	119
	Missing	0

### Gr56TotalRaw



**Descriptive Statistics**

	N	Minimum	Maximum	Mean	Std. Deviation
Gr56TotalRaw	119	0	85	54.82	26.979
Valid N (listwise)	119				

**Statistics**

		G56ProfCat	G56Above-Below
N	Valid	117	117
	Missing	2	2

**Frequency Table**

**G56ProfCat**

		Frequency	Percent	Valid Percent	Cumulative Percent
Valid	1	13	10.9	11.1	11.1
	2	5	4.2	4.3	15.4
	3	20	16.8	17.1	32.5
	4	79	66.4	67.5	100.0
	Total	117	98.3	100.0	
Missing	System	2	1.7		
Total		119	100.0		

**G56Above-Below**

		Frequency	Percent	Valid Percent	Cumulative Percent
Valid	0	18	15.1	15.4	15.4
	1	99	83.2	84.6	100.0
	Total	117	98.3	100.0	
Missing	System	2	1.7		
Total		119	100.0		

Scale: GBand 78 Math Task 1 Raw

**Case Processing Summary**

		N	%
Cases	Valid	78	72.2
	Excluded <sup>a</sup>	30	27.8
	Total	108	100.0

a. Listwise deletion based on all variables in the procedure.

**Reliability Statistics**

Cronbach's Alpha	Cronbach's Alpha Based on Standardized Items	N of Items
.448	.464	2

**Item Statistics**

	Mean	Std. Deviation	N
G78RdWrNum1	.82	.386	78
G78RdWrNum2	1.83	.520	78

**Inter-Item Correlation Matrix**

	G78RdWrNum1	G78RdWrNum2
G78RdWrNum1	1.000	.302
G78RdWrNum2	.302	1.000

**Summary Item Statistics**

	Mean	Minimum	Maximum	Range	Maximum / Minimum	Variance	N of Items
Item Means	1.327	.821	1.833	1.013	2.234	.513	2
Item Variances	.210	.149	.271	.121	1.814	.007	2
Inter-Item Correlations	.302	.302	.302	.000	1.000	.000	2

**Item-Total Statistics**

	Scale Mean if Item Deleted	Scale Variance if Item Deleted	Corrected Item-Total Correlation	Squared Multiple Correlation	Cronbach's Alpha if Item Deleted
G78RdWrNum1	1.83	.271	.302	.091	. <sup>a</sup>
G78RdWrNum2	.82	.149	.302	.091	. <sup>a</sup>

a. The value is negative due to a negative average covariance among items. This violates reliability model assumptions. You may want to check item codings.

**Scale Statistics**

Mean	Variance	Std. Deviation	N of Items
2.65	.541	.735	2

**Scale: GBand 78 Math Task 2 Raw**

**Case Processing Summary**

		N	%
Cases	Valid	78	72.2
	Excluded <sup>a</sup>	30	27.8
	Total	108	100.0

a. Listwise deletion based on all variables in the procedure.

**Reliability Statistics**

Cronbach's Alpha	Cronbach's Alpha Based on Standardized Items	N of Items
.462	.496	2

**Item Statistics**

	Mean	Std. Deviation	N
G78IdFrac1	.88	.322	78
G78IdFrac2	.56	.499	78

**Inter-Item Correlation Matrix**

	G78IdFrac1	G78IdFrac2
G78IdFrac1	1.000	.330
G78IdFrac2	.330	1.000

**Summary Item Statistics**

	Mean	Minimum	Maximum	Range	Maximum / Minimum	Variance	N of Items
Item Means	.724	.564	.885	.321	1.568	.051	2
Item Variances	.176	.103	.249	.146	2.409	.011	2
Inter-Item Correlations	.330	.330	.330	.000	1.000	.000	2

**Item-Total Statistics**

	Scale Mean if Item Deleted	Scale Variance if Item Deleted	Corrected Item-Total Correlation	Squared Multiple Correlation	Cronbach's Alpha if Item Deleted
G78IdFrac1	.56	.249	.330	.109	. <sup>a</sup>
G78IdFrac2	.88	.103	.330	.109	. <sup>a</sup>

a. The value is negative due to a negative average covariance among items. This violates reliability model assumptions. You may want to check item codings.

**Scale Statistics**

Mean	Variance	Std. Deviation	N of Items
1.45	.458	.677	2

Scale: GBand 78 Math Task 3

**Case Processing Summary**

		N	%
Cases	Valid	78	72.2
	Excluded <sup>a</sup>	30	27.8
	Total	108	100.0

a. Listwise deletion based on all variables in the procedure.

**Reliability Statistics**

Cronbach's Alpha	Cronbach's Alpha Based on Standardized Items	N of Items
.867	.868	5

**Item Statistics**

	Mean	Std. Deviation	N
G78NumLine1	.88	.322	78
G78NumLine2	.81	.397	78
G78NumLine3	.77	.424	78
G78NumLine4	.59	.495	78
G78NumLine5	.64	.483	78

**Inter-Item Correlation Matrix**

	G78NumLine1	G78NumLine2	G78NumLine3	G78NumLine4	G78NumLine5
G78NumLine1	1.000	.638	.564	.433	.399
G78NumLine2	.638	1.000	.428	.585	.584
G78NumLine3	.564	.428	1.000	.595	.605
G78NumLine4	.433	.585	.595	1.000	.843
G78NumLine5	.399	.584	.605	.843	1.000

**Summary Item Statistics**

	Mean	Minimum	Maximum	Range	Maximum / Minimum	Variance	N of Items
Item Means	.738	.590	.885	.295	1.500	.015	5
Item Variances	.184	.103	.245	.142	2.370	.003	5
Inter-Item Correlations	.567	.399	.843	.444	2.113	.016	5

**Item-Total Statistics**

	Scale Mean if Item Deleted	Scale Variance if Item Deleted	Corrected Item-Total Correlation	Squared Multiple Correlation	Cronbach's Alpha if Item Deleted
G78NumLine1	2.81	2.313	.591	.531	.863
G78NumLine2	2.88	2.077	.665	.560	.845
G78NumLine3	2.92	2.020	.660	.516	.846
G78NumLine4	3.10	1.730	.784	.732	.814
G78NumLine5	3.05	1.764	.779	.743	.815

**Scale Statistics**

Mean	Variance	Std. Deviation	N of Items
3.69	2.995	1.731	5

Scale: GBand 78 Math Task 6 Raw

**Case Processing Summary**

		N	%
Cases	Valid	78	72.2
	Excluded <sup>a</sup>	30	27.8
	Total	108	100.0

a. Listwise deletion based on all variables in the procedure.

**Reliability Statistics**

Cronbach's Alpha	Cronbach's Alpha Based on Standardized Items	N of Items
.918	.920	7

**Item Statistics**

	Mean	Std. Deviation	N
G78DDAddSub1	1.33	.878	78
G78DDAddSub2	1.60	.744	78
G78DDAddSub3	1.47	.801	78
G78DDAddSub4	1.45	.847	78
G78DDAddSub5	1.27	.921	78
G78DDAddSub6	1.40	.858	78
G78DDAddSub7	1.22	.949	78

**Inter-Item Correlation Matrix**

	G78DDAddSub1	G78DDAddSub2	G78DDAddSub3	G78DDAddSub4	G78DDAddSub5	G78DDAddSub6	G78DDAddSub7
G78DDAddSub1	1.000	.702	.603	.774	.562	.512	.520
G78DDAddSub2	.702	1.000	.712	.657	.612	.657	.547
G78DDAddSub3	.603	.712	1.000	.677	.599	.704	.477
G78DDAddSub4	.774	.657	.677	1.000	.592	.609	.636
G78DDAddSub5	.562	.612	.599	.592	1.000	.569	.705
G78DDAddSub6	.512	.657	.704	.609	.569	1.000	.610
G78DDAddSub7	.520	.547	.477	.636	.705	.610	1.000

**Summary Item Statistics**

	Mean	Minimum	Maximum	Range	Maximum / Minimum	Variance	N of Items
Item Means	1.392	1.218	1.603	.385	1.316	.017	7
Item Variances	.739	.554	.900	.346	1.624	.014	7
Inter-Item Correlations	.621	.477	.774	.297	1.622	.006	7

**Item-Total Statistics**

	Scale Mean if Item Deleted	Scale Variance if Item Deleted	Corrected Item-Total Correlation	Squared Multiple Correlation	Cronbach's Alpha if Item Deleted
G78DDAddSub1	8.41	17.985	.734	.673	.906
G78DDAddSub2	8.14	18.616	.786	.662	.902
G78DDAddSub3	8.27	18.381	.756	.669	.904
G78DDAddSub4	8.29	17.769	.802	.718	.899
G78DDAddSub5	8.47	17.681	.734	.603	.907
G78DDAddSub6	8.35	18.125	.733	.613	.906
G78DDAddSub7	8.53	17.707	.703	.623	.911

**Scale Statistics**

Mean	Variance	Std. Deviation	N of Items
9.74	24.219	4.921	7

Scale: GBand 78 Math Task 7 Raw

**Case Processing Summary**

		N	%
Cases	Valid	78	72.2
	Excluded <sup>a</sup>	30	27.8
	Total	108	100.0

a. Listwise deletion based on all variables in the procedure.

**Reliability Statistics**

Cronbach's Alpha	Cronbach's Alpha Based on Standardized Items	N of Items
.526	.621	3

**Item Statistics**

	Mean	Std. Deviation	N
G78RepExtSmPat1	1.82	.552	78
G78RepExtSmPat2	2.58	.947	78
G78RepExtSmPat3	1.05	1.268	78

**Inter-Item Correlation Matrix**

	G78RepExtSmPat1	G78RepExtSmPat2	G78RepExtSmPat3
G78RepExtSmPat1	1.000	.598	.217
G78RepExtSmPat2	.598	1.000	.245
G78RepExtSmPat3	.217	.245	1.000

**Summary Item Statistics**

	Mean	Minimum	Maximum	Range	Maximum / Minimum	Variance	N of Items
Item Means	1.816	1.051	2.577	1.526	2.451	.582	3
Item Variances	.936	.305	1.608	1.303	5.271	.425	3
Inter-Item Correlations	.354	.217	.598	.381	2.751	.036	3

**Item-Total Statistics**

	Scale Mean if Item Deleted	Scale Variance if Item Deleted	Corrected Item-Total Correlation	Squared Multiple Correlation	Cronbach's Alpha if Item Deleted
G78RepExtSmPat1	3.63	3.094	.479	.363	.381
G78RepExtSmPat2	2.87	2.217	.431	.372	.275
G78RepExtSmPat3	4.40	1.827	.261	.068	.685

**Scale Statistics**

Mean	Variance	Std. Deviation	N of Items
5.45	4.329	2.081	3

**Case Processing Summary**

		N	%
Cases	Valid	78	72.2
	Excluded <sup>a</sup>	30	27.8
	Total	108	100.0

a. Listwise deletion based on all variables in the procedure.

**Reliability Statistics**

Cronbach's Alpha	Cronbach's Alpha Based on Standardized Items	N of Items
.954	.956	4

**Item Statistics**

	Mean	Std. Deviation	N
G78Lb1StNo/Zero1	.87	.336	78
G78Lb1StNo/Zero2	.87	.336	78
G78Lb1StNo/Zero3	.86	.350	78
G78Lb1StNo/Zero4	.82	.386	78

**Inter-Item Correlation Matrix**

	G78LblStNo/Zero1	G78LblStNo/Zero2	G78LblStNo/Zero3	G78LblStNo/Zero4
G78LblStNo/Zero1	1.000	.885	.836	.720
G78LblStNo/Zero2	.885	1.000	.946	.820
G78LblStNo/Zero3	.836	.946	1.000	.866
G78LblStNo/Zero4	.720	.820	.866	1.000

**Summary Item Statistics**

	Mean	Minimum	Maximum	Range	Maximum / Minimum	Variance	N of Items
Item Means	.856	.821	.872	.051	1.062	.001	4
Item Variances	.125	.113	.149	.036	1.318	.000	4
Inter-Item Correlations	.846	.720	.946	.226	1.314	.005	4

**Item-Total Statistics**

	Scale Mean if Item Deleted	Scale Variance if Item Deleted	Corrected Item-Total Correlation	Squared Multiple Correlation	Cronbach's Alpha if Item Deleted
G78LblStNo/Zero1	2.55	1.056	.846	.784	.953
G78LblStNo/Zero2	2.55	1.004	.944	.925	.925
G78LblStNo/Zero3	2.56	.976	.946	.921	.923
G78LblStNo/Zero4	2.60	.970	.834	.751	.960

**Scale Statistics**

Mean	Variance	Std. Deviation	N of Items
3.42	1.754	1.324	4

**Case Processing Summary**

		N	%
Cases	Valid	78	72.2
	Excluded <sup>a</sup>	30	27.8
	Total	108	100.0

a. Listwise deletion based on all variables in the procedure.

**Reliability Statistics**

Cronbach's Alpha	Cronbach's Alpha Based on Standardized Items	N of Items
.809	.809	2

**Item Statistics**

	Mean	Std. Deviation	N
G78UndSymb1	.64	.483	78
G78UndSymb2	.59	.495	78

**Inter-Item Correlation Matrix**

	G78UndSymb1	G78UndSymb2
G78UndSymb1	1.000	.680
G78UndSymb2	.680	1.000

**Summary Item Statistics**

	Mean	Minimum	Maximum	Range	Maximum / Minimum	Variance	N of Items
Item Means	.615	.590	.641	.051	1.087	.001	2
Item Variances	.239	.233	.245	.012	1.051	.000	2
Inter-Item Correlations	.680	.680	.680	.000	1.000	.000	2

**Item-Total Statistics**

	Scale Mean if Item Deleted	Scale Variance if Item Deleted	Corrected Item-Total Correlation	Squared Multiple Correlation	Cronbach's Alpha if Item Deleted
G78UndSymb1	.59	.245	.680	.462	. <sup>a</sup>
G78UndSymb2	.64	.233	.680	.462	. <sup>a</sup>

a. The value is negative due to a negative average covariance among items. This violates reliability model assumptions. You may want to check item codings.

**Scale Statistics**

Mean	Variance	Std. Deviation	N of Items
1.23	.803	.896	2

Scale: GBand 78 Math Task 10 Raw

**Case Processing Summary**

		N	%
Cases	Valid	78	72.2
	Excluded <sup>a</sup>	30	27.8
	Total	108	100.0

a. Listwise deletion based on all variables in the procedure.

**Reliability Statistics**

Cronbach's Alpha	Cronbach's Alpha Based on Standardized Items	N of Items
.830	.865	10

**Item Statistics**

	Mean	Std. Deviation	N
G78RdSmpGrph1	.56	.499	78
G78RdSmpGrph2	.78	.416	78
G78RdSmpGrph3	.92	.268	78
G78RdSmpGrph4	.78	.416	78
G78RdSmpGrph5	.92	.268	78
G78RdSmpGrph6	.76	.432	78
G78RdSmpGrph7	1.29	.913	78
G78RdSmpGrph8	1.24	.928	78
G78RdSmpGrph9	1.42	.861	78
G78RdSmpGrph10	.36	.755	78

**Inter-Item Correlation Matrix**

	G78RdSmpGr ph1	G78RdSmpG rph2	G78RdSmpGr ph3	G78RdSmpG rph4	G78RdSmpGr ph5	G78RdSmpGr ph6	G78RdSmpG rph7	G78RdSmpGr ph8	G78RdSmpG rph9	G78RdSmpGr ph10
G78RdSmpGrph1	1.000	.475	.328	.475	.328	.465	.428	.344	.435	.248
G78RdSmpGrph2	.475	1.000	.430	.173	.430	.207	.069	.207	.080	.252
G78RdSmpGrph3	.328	.430	1.000	.547	.819	.509	.306	.233	.312	.138
G78RdSmpGrph4	.475	.173	.547	1.000	.547	.930	.514	.510	.552	.170
G78RdSmpGrph5	.328	.430	.819	.547	1.000	.509	.306	.285	.312	.138
G78RdSmpGrph6	.465	.207	.509	.930	.509	1.000	.547	.571	.560	.192
G78RdSmpGrph7	.428	.069	.306	.514	.306	.547	1.000	.649	.698	.183
G78RdSmpGrph8	.344	.207	.233	.510	.285	.571	.649	1.000	.649	.281
G78RdSmpGrph9	.435	.080	.312	.552	.312	.560	.698	.649	1.000	.243
G78RdSmpGrph10	.248	.252	.138	.170	.138	.192	.183	.281	.243	1.000

**Summary Item Statistics**

	Mean	Minimum	Maximum	Range	Maximum / Minimum	Variance	N of Items
Item Means	.905	.359	1.423	1.064	3.964	.111	10
Item Variances	.393	.072	.862	.790	11.984	.104	10
Inter-Item Correlations	.391	.069	.930	.861	13.504	.037	10

**Item-Total Statistics**

	Scale Mean if Item Deleted	Scale Variance if Item Deleted	Corrected Item-Total Correlation	Squared Multiple Correlation	Cronbach's Alpha if Item Deleted
G78RdSmpGrph1	8.49	13.240	.562	.476	.812
G78RdSmpGrph2	8.27	14.407	.301	.471	.831
G78RdSmpGrph3	8.13	14.451	.494	.707	.824
G78RdSmpGrph4	8.27	13.238	.701	.884	.805
G78RdSmpGrph5	8.13	14.425	.507	.697	.824
G78RdSmpGrph6	8.29	13.068	.728	.880	.803
G78RdSmpGrph7	7.76	10.680	.673	.596	.799
G78RdSmpGrph8	7.81	10.547	.683	.586	.797
G78RdSmpGrph9	7.63	10.808	.703	.601	.793
G78RdSmpGrph10	8.69	13.307	.300	.134	.841

**Scale Statistics**

Mean	Variance	Std. Deviation	N of Items
9.05	15.530	3.941	10

Scale: GBand 78 Math Task 11 Raw

**Case Processing Summary**

		N	%
Cases	Valid	78	72.2
	Excluded <sup>a</sup>	30	27.8
	Total	108	100.0

a. Listwise deletion based on all variables in the procedure.

**Reliability Statistics**

Cronbach's Alpha	Cronbach's Alpha Based on Standardized Items	N of Items
.828	.829	6

**Item Statistics**

	Mean	Std. Deviation	N
G78IdUnt/Msmnt1	.64	.483	78
G78IdUnt/Msmnt2	.71	.459	78
G78IdUnt/Msmnt3	.68	.470	78
G78IdUnt/Msmnt4	.73	.446	78
G78IdUnt/Msmnt5	.73	.446	78
G78IdUnt/Msmnt6	.72	.453	78

**Inter-Item Correlation Matrix**

	G78IdUnt/Msmnt1	G78IdUnt/Msmnt2	G78IdUnt/Msmnt3	G78IdUnt/Msmnt4	G78IdUnt/Msmnt5	G78IdUnt/Msmnt6
G78IdUnt/Msmnt1	1.000	.395	.517	.450	.329	.303
G78IdUnt/Msmnt2	.395	1.000	.640	.305	.305	.344
G78IdUnt/Msmnt3	.517	.640	1.000	.326	.326	.424
G78IdUnt/Msmnt4	.450	.305	.326	1.000	.674	.711
G78IdUnt/Msmnt5	.329	.305	.326	.674	1.000	.647
G78IdUnt/Msmnt6	.303	.344	.424	.711	.647	1.000

**Summary Item Statistics**

	Mean	Minimum	Maximum	Range	Maximum / Minimum	Variance	N of Items
Item Means	.701	.641	.731	.090	1.140	.001	6
Item Variances	.211	.199	.233	.034	1.170	.000	6
Inter-Item Correlations	.447	.303	.711	.408	2.348	.022	6

**Item-Total Statistics**

	Scale Mean if Item Deleted	Scale Variance if Item Deleted	Corrected Item-Total Correlation	Squared Multiple Correlation	Cronbach's Alpha if Item Deleted
G78IdUnt/Msmnt1	3.56	2.976	.527	.379	.815
G78IdUnt/Msmnt2	3.50	3.032	.528	.425	.814
G78IdUnt/Msmnt3	3.53	2.902	.603	.530	.799
G78IdUnt/Msmnt4	3.47	2.876	.668	.633	.785
G78IdUnt/Msmnt5	3.47	2.954	.609	.515	.798
G78IdUnt/Msmnt6	3.49	2.876	.655	.600	.788

**Scale Statistics**

Mean	Variance	Std. Deviation	N of Items
4.21	4.087	2.022	6

Scale: GBand 78 Math Task 12 Raw

**Case Processing Summary**

		N	%
Cases	Valid	78	72.2
	Excluded <sup>a</sup>	30	27.8
	Total	108	100.0

a. Listwise deletion based on all variables in the procedure.

**Reliability Statistics**

Cronbach's Alpha	Cronbach's Alpha Based on Standardized Items	N of Items
.823	.824	2

**Item Statistics**

	Mean	Std. Deviation	N
G78CntMoney1	1.19	.941	78
G78CntMoney2	1.10	.877	78

**Inter-Item Correlation Matrix**

	G78CntMoney1	G78CntMoney2
G78CntMoney1	1.000	.700
G78CntMoney2	.700	1.000

**Summary Item Statistics**

	Mean	Minimum	Maximum	Range	Maximum / Minimum	Variance	N of Items
Item Means	1.147	1.103	1.192	.090	1.081	.004	2
Item Variances	.827	.769	.885	.116	1.151	.007	2
Inter-Item Correlations	.700	.700	.700	.000	1.000	.000	2

**Item-Total Statistics**

	Scale Mean if Item Deleted	Scale Variance if Item Deleted	Corrected Item-Total Correlation	Squared Multiple Correlation	Cronbach's Alpha if Item Deleted
G78CntMoney1	1.10	.769	.700	.490	. <sup>a</sup>
G78CntMoney2	1.19	.885	.700	.490	. <sup>a</sup>

a. The value is negative due to a negative average covariance among items. This violates reliability model assumptions. You may want to check item codings.

**Scale Statistics**

Mean	Variance	Std. Deviation	N of Items
2.29	2.808	1.676	2

Scale: GBand 78 Math Task 13 Raw

**Case Processing Summary**

		N	%
Cases	Valid	78	72.2
	Excluded <sup>a</sup>	30	27.8
	Total	108	100.0

a. Listwise deletion based on all variables in the procedure.

**Reliability Statistics**

Cronbach's Alpha	Cronbach's Alpha Based on Standardized Items	N of Items
.893	.900	4

**Item Statistics**

	Mean	Std. Deviation	N
G78IdMoney1	.90	.305	78
G78IdMoney2	.90	.305	78
G78IdMoney3	.82	.386	78
G78IdMoney4	.81	.397	78

**Inter-Item Correlation Matrix**

	G78IdMoney1	G78IdMoney2	G78IdMoney3	G78IdMoney4
G78IdMoney1	1.000	.861	.613	.693
G78IdMoney2	.861	1.000	.613	.586
G78IdMoney3	.613	.613	1.000	.789
G78IdMoney4	.693	.586	.789	1.000

**Summary Item Statistics**

	Mean	Minimum	Maximum	Range	Maximum / Minimum	Variance	N of Items
Item Means	.856	.808	.897	.090	1.111	.002	4
Item Variances	.123	.093	.157	.064	1.688	.001	4
Inter-Item Correlations	.692	.586	.861	.275	1.470	.011	4

**Item-Total Statistics**

	Scale Mean if Item Deleted	Scale Variance if Item Deleted	Corrected Item-Total Correlation	Squared Multiple Correlation	Cronbach's Alpha if Item Deleted
G78IdMoney1	2.53	.928	.804	.799	.854
G78IdMoney2	2.53	.954	.749	.764	.871
G78IdMoney3	2.60	.814	.762	.664	.866
G78IdMoney4	2.62	.785	.784	.708	.859

**Scale Statistics**

Mean	Variance	Std. Deviation	N of Items
3.42	1.494	1.222	4

**Case Processing Summary**

		N	%
Cases	Valid	78	72.2
	Excluded <sup>a</sup>	30	27.8
	Total	108	100.0

a. Listwise deletion based on all variables in the procedure.

**Reliability Statistics**

Cronbach's Alpha	Cronbach's Alpha Based on Standardized Items	N of Items
.850	.854	7

**Item Statistics**

	Mean	Std. Deviation	N
G78IdShapes1	.94	.247	78
G78IdShapes2	.87	.336	78
G78IdShapes3	.77	.424	78
G78IdShapes4	.85	.363	78
G78IdShapes5	.86	.350	78
G78IdShapes6	.85	.363	78
G78IdShapes7	.87	.336	78

**Inter-Item Correlation Matrix**

	G78IdShapes1	G78IdShapes2	G78IdShapes3	G78IdShapes4	G78IdShapes5	G78IdShapes6	G78IdShapes7
G78IdShapes1							
G78IdShapes2							
G78IdShapes3							
G78IdShapes4							
G78IdShapes5							
G78IdShapes6							
G78IdShapes7							

G78IdShapes1	1.000	.526	.478	.324	.496	.469	.369
G78IdShapes2	.526	1.000	.609	.687	.396	.474	.312
G78IdShapes3	.478	.609	1.000	.610	.565	.357	.336
G78IdShapes4	.324	.687	.610	1.000	.338	.311	.262
G78IdShapes5	.496	.396	.565	.338	1.000	.542	.396
G78IdShapes6	.469	.474	.357	.311	.542	1.000	.687
G78IdShapes7	.369	.312	.336	.262	.396	.687	1.000

**Summary Item Statistics**

	Mean	Minimum	Maximum	Range	Maximum / Minimum	Variance	N of Items
Item Means	.857	.769	.936	.167	1.217	.002	7
Item Variances	.122	.061	.180	.119	2.959	.001	7
Inter-Item Correlations	.454	.262	.687	.425	2.625	.016	7

**Item-Total Statistics**

	Scale Mean if Item Deleted	Scale Variance if Item Deleted	Corrected Item-Total Correlation	Squared Multiple Correlation	Cronbach's Alpha if Item Deleted
G78IdShapes1	5.06	2.606	.598	.411	.835
G78IdShapes2	5.13	2.321	.691	.626	.817
G78IdShapes3	5.23	2.128	.675	.570	.820
G78IdShapes4	5.15	2.366	.578	.543	.834
G78IdShapes5	5.14	2.356	.617	.481	.828
G78IdShapes6	5.15	2.314	.631	.616	.826
G78IdShapes7	5.13	2.477	.522	.493	.841

**Scale Statistics**

Mean	Variance	Std. Deviation	N of Items
6.00	3.143	1.773	7

Scale: GBand 78 Math Task 15 Raw

**Case Processing Summary**

		N	%
Cases	Valid	78	72.2
	Excluded <sup>a</sup>	30	27.8
	Total	108	100.0

a. Listwise deletion based on all variables in the procedure.

**Reliability Statistics**

Cronbach's Alpha	Cronbach's Alpha Based on Standardized Items	N of Items
.879	.877	3

**Item Statistics**

	Mean	Std. Deviation	N
G78MtchShapes1	.97	.159	78
G78MtchShapes2	.96	.194	78
G78MtchShapes3	.97	.159	78

**Inter-Item Correlation Matrix**

	G78MtchShapes1	G78MtchShapes2	G78MtchShapes3
G78MtchShapes1	1.000	.811	.487
G78MtchShapes2	.811	1.000	.811
G78MtchShapes3	.487	.811	1.000

**Summary Item Statistics**

	Mean	Minimum	Maximum	Range	Maximum / Minimum	Variance	N of Items
Item Means	.970	.962	.974	.013	1.013	.000	3
Item Variances	.029	.025	.037	.012	1.480	.000	3
Inter-Item Correlations	.703	.487	.811	.324	1.666	.028	3

**Item-Total Statistics**

	Scale Mean if Item Deleted	Scale Variance if Item Deleted	Corrected Item-Total Correlation	Squared Multiple Correlation	Cronbach's Alpha if Item Deleted
G78MtchShapes1	1.94	.113	.698	.743	.886
G78MtchShapes2	1.95	.075	.941	.885	.655
G78MtchShapes3	1.94	.113	.698	.743	.886

**Scale Statistics**

Mean	Variance	Std. Deviation	N of Items
2.91	.213	.461	3

Scale: GBand 78 Math Total Item Raw

**Case Processing Summary**

		N	%
Cases	Valid	78	72.2
	Excluded <sup>a</sup>	30	27.8
	Total	108	100.0

a. Listwise deletion based on all variables in the procedure.

**Reliability Statistics**

Cronbach's Alpha	Cronbach's Alpha Based on Standardized Items	N of Items
.956	.966	60

**Item Statistics**

	Mean	Std. Deviation	N
G78RdWrNum1	.82	.386	78
G78RdWrNum2	1.83	.520	78
G78IdFrac1	.88	.322	78
G78IdFrac2	.56	.499	78
G78NumLine1	.88	.322	78
G78NumLine2	.81	.397	78
G78NumLine3	.77	.424	78

G78NumLine4	.59	.495	78
G78NumLine5	.64	.483	78
G78IdSkpPat1	.68	.470	78
G78Count1	3.60	1.073	78
G78DDAddSub1	1.33	.878	78
G78DDAddSub2	1.60	.744	78
G78DDAddSub3	1.47	.801	78
G78DDAddSub4	1.45	.847	78
G78DDAddSub5	1.27	.921	78
G78DDAddSub6	1.40	.858	78
G78DDAddSub7	1.22	.949	78
G78RepExtSmPat1	1.82	.552	78
G78RepExtSmPat2	2.58	.947	78
G78RepExtSmPat3	1.05	1.268	78
G78LblStNo/Zero1	.87	.336	78
G78LblStNo/Zero2	.87	.336	78
G78LblStNo/Zero3	.86	.350	78
G78LblStNo/Zero4	.82	.386	78
G78UndSymb1	.64	.483	78
G78UndSymb2	.59	.495	78
G78RdSmpGrph1	.56	.499	78
G78RdSmpGrph2	.78	.416	78
G78RdSmpGrph3	.92	.268	78
G78RdSmpGrph4	.78	.416	78
G78RdSmpGrph5	.92	.268	78
G78RdSmpGrph6	.76	.432	78
G78RdSmpGrph7	1.29	.913	78
G78RdSmpGrph8	1.24	.928	78

G78RdSmpGrph9	1.42	.861	78
G78RdSmpGrph10	.36	.755	78
G78IdUnt/Msmnt1	.64	.483	78
G78IdUnt/Msmnt2	.71	.459	78
G78IdUnt/Msmnt3	.68	.470	78
G78IdUnt/Msmnt4	.73	.446	78
G78IdUnt/Msmnt5	.73	.446	78
G78IdUnt/Msmnt6	.72	.453	78
G78CntMoney1	1.19	.941	78
G78CntMoney2	1.10	.877	78
G78IdMoney1	.90	.305	78
G78IdMoney2	.90	.305	78
G78IdMoney3	.82	.386	78
G78IdMoney4	.81	.397	78
G78IdShapes1	.94	.247	78
G78IdShapes2	.87	.336	78
G78IdShapes3	.77	.424	78
G78IdShapes4	.85	.363	78
G78IdShapes5	.86	.350	78
G78IdShapes6	.85	.363	78
G78IdShapes7	.87	.336	78
G78MtchShapes1	.97	.159	78
G78MtchShapes2	.96	.194	78
G78MtchShapes3	.97	.159	78
G78IdPerim1	1.17	1.607	78

**Summary Item Statistics**

	Mean	Minimum	Maximum	Range	Maximum / Minimum	Variance	N of Items
Item Means	1.016	.359	3.603	3.244	10.036	.252	60
Item Variances	.381	.025	2.582	2.557	102.033	.195	60
Inter-Item Correlations	.323	-.120	.946	1.066	-7.894	.023	60

**Item-Total Statistics**

	Scale Mean if Item Deleted	Scale Variance if Item Deleted	Corrected Item-Total Correlation	Squared Multiple Correlation	Cronbach's Alpha if Item Deleted
G78RdWrNum1	60.15	371.275	.541	.	.955
G78RdWrNum2	59.14	369.967	.462	.	.955
G78IdFrac1	60.09	372.057	.590	.	.955
G78IdFrac2	60.41	371.102	.423	.	.955
G78NumLine1	60.09	371.745	.615	.	.955
G78NumLine2	60.17	368.582	.705	.	.955
G78NumLine3	60.21	369.204	.620	.	.955
G78NumLine4	60.38	366.500	.672	.	.954
G78NumLine5	60.33	366.173	.708	.	.954
G78IdSkpPat1	60.29	371.951	.403	.	.955
G78Count1	57.37	349.899	.708	.	.954
G78DDAddSub1	59.64	357.246	.647	.	.954
G78DDAddSub2	59.37	359.042	.705	.	.954
G78DDAddSub3	59.50	357.292	.711	.	.954
G78DDAddSub4	59.53	357.863	.652	.	.954
G78DDAddSub5	59.71	354.756	.688	.	.954

G78DDAddSub6	59.58	355.936	.705	.	.954
G78DDAddSub7	59.76	353.953	.690	.	.954
G78RepExtSmPat1	59.15	367.197	.566	.	.955
G78RepExtSmPat2	58.40	351.983	.749	.	.954
G78RepExtSmPat3	59.92	358.332	.407	.	.957
G78LblStNo/Zero1	60.10	371.963	.570	.	.955
G78LblStNo/Zero2	60.10	370.821	.659	.	.955
G78LblStNo/Zero3	60.12	370.779	.636	.	.955
G78LblStNo/Zero4	60.15	370.807	.573	.	.955
G78UndSymb1	60.33	369.576	.521	.	.955
G78UndSymb2	60.38	368.422	.569	.	.955
G78RdSmpGrph1	60.41	369.933	.484	.	.955
G78RdSmpGrph2	60.19	374.807	.280	.	.956
G78RdSmpGrph3	60.05	374.491	.474	.	.955
G78RdSmpGrph4	60.19	369.066	.641	.	.955
G78RdSmpGrph5	60.05	374.179	.504	.	.955
G78RdSmpGrph6	60.22	368.277	.664	.	.955
G78RdSmpGrph7	59.68	353.545	.731	.	.954
G78RdSmpGrph8	59.73	355.758	.653	.	.954
G78RdSmpGrph9	59.55	354.277	.755	.	.954
G78RdSmpGrph10	60.62	371.980	.238	.	.956
G78IdUnt/Msmnt1	60.33	371.238	.430	.	.955
G78IdUnt/Msmnt2	60.27	370.095	.520	.	.955
G78IdUnt/Msmnt3	60.29	367.224	.669	.	.954
G78IdUnt/Msmnt4	60.24	370.550	.508	.	.955
G78IdUnt/Msmnt5	60.24	371.148	.473	.	.955
G78IdUnt/Msmnt6	60.26	369.362	.569	.	.955
G78CntMoney1	59.78	356.770	.614	.	.955

G78CntMoney2	59.87	358.217	.618	.	.954
G78IdMoney1	60.08	375.319	.344	.	.955
G78IdMoney2	60.08	375.604	.320	.	.956
G78IdMoney3	60.15	370.521	.592	.	.955
G78IdMoney4	60.17	371.725	.497	.	.955
G78IdShapes1	60.04	375.128	.449	.	.955
G78IdShapes2	60.10	375.288	.313	.	.956
G78IdShapes3	60.21	371.983	.447	.	.955
G78IdShapes4	60.13	374.789	.324	.	.955
G78IdShapes5	60.12	372.831	.482	.	.955
G78IdShapes6	60.13	370.996	.597	.	.955
G78IdShapes7	60.10	370.665	.672	.	.955
G78MtchShapes1	60.00	376.597	.463	.	.955
G78MtchShapes2	60.01	375.493	.526	.	.955
G78MtchShapes3	60.00	376.805	.429	.	.956
G78IdPerim1	59.81	353.638	.385	.	.959

**Scale Statistics**

Mean	Variance	Std. Deviation	N of Items
60.97	379.480	19.480	60

Scale: GBand 78 Math Total Subscale Raw

Case Processing Summary

		N	%
Cases	Valid	95	88.0
	Excluded <sup>a</sup>	13	12.0
	Total	108	100.0

a. Listwise deletion based on all variables in the procedure.

Reliability Statistics

Cronbach's Alpha	Cronbach's Alpha Based on Standardized Items	N of Items
.880	.924	15

## Item Statistics

	Mean	Std. Deviation	N
G78RWNumerals	2.52	.909	95
G78IDFrctns	1.31	.745	95
G78NumberLine	3.36	1.873	95
G78IDSkipPtrns	.64	.482	95
G78Count	3.54	1.109	95
G782DigAddSub	8.77	5.406	95
G78RepSimpPtrns	5.09	2.297	95
G78LabelSetNoZero	3.17	1.555	95
G78UndstndSyms	1.09	.923	95
G78RdSimpGrphs	8.27	4.221	95
G78CountMoney	2.05	1.734	95
G78IDMoney	3.26	1.354	95
G78IDShapes	5.69	2.006	95
G78MatchShapes	2.78	.717	95
G78IDPerimtr	1.03	1.540	95

**Inter-Item Correlation Matrix**

	G78RWNumerals	G78IDFrctns	G78NumberLine	G78IDSkipPtrns	G78Count	G782DigAddSub	G78RepSimpPtrns	G78LabelSetNoZero
G78RWNumerals	1.000	.393	.552	.159	.577	.589	.542	.367
G78IDFrctns	.393	1.000	.561	.130	.405	.462	.486	.543
G78NumberLine	.552	.561	1.000	.356	.577	.748	.622	.582
G78IDSkipPtrns	.159	.130	.356	1.000	.343	.376	.425	.181
G78Count	.577	.405	.577	.343	1.000	.622	.635	.459
G782DigAddSub	.589	.462	.748	.376	.622	1.000	.695	.463
G78RepSimpPtrns	.542	.486	.622	.425	.635	.695	1.000	.448
G78LabelSetNoZero	.367	.543	.582	.181	.459	.463	.448	1.000
G78UndstndSyms	.385	.468	.577	.197	.293	.510	.537	.493
G78RdSimpGrphs	.431	.569	.742	.441	.464	.669	.658	.672
G78CountMoney	.367	.432	.626	.354	.472	.663	.578	.450
G78IDMoney	.390	.289	.399	.211	.464	.344	.361	.363
G78IDShapes	.525	.433	.613	.216	.682	.581	.579	.518
G78MatchShapes	.405	.506	.440	.323	.565	.379	.458	.558
G78IDPerimtr	.224	.196	.361	.130	.245	.402	.318	.273

	G78UndstndSyms	G78RdSimpGrphs	G78CountMoney	G78IDMoney	G78IDShapes	G78MatchShapes	G78IDPerimtr
G78RWNumerals	.385	.431	.367	.390	.525	.405	.224
G78IDFrctns	.468	.569	.432	.289	.433	.506	.196
G78NumberLine	.577	.742	.626	.399	.613	.440	.361
G78IDSkipPtrns	.197	.441	.354	.211	.216	.323	.130
G78Count	.293	.464	.472	.464	.682	.565	.245
G782DigAddSub	.510	.669	.663	.344	.581	.379	.402
G78RepSimpPtrns	.537	.658	.578	.361	.579	.458	.318
G78LabelSetNoZero	.493	.672	.450	.363	.518	.558	.273
G78UndstndSyms	1.000	.637	.535	.295	.429	.369	.454
G78RdSimpGrphs	.637	1.000	.541	.479	.528	.516	.375
G78CountMoney	.535	.541	1.000	.438	.476	.352	.410
G78IDMoney	.295	.479	.438	1.000	.472	.422	.307
G78IDShapes	.429	.528	.476	.472	1.000	.492	.327
G78MatchShapes	.369	.516	.352	.422	.492	1.000	.209
G78IDPerimtr	.454	.375	.410	.307	.327	.209	1.000

**Summary Item Statistics**

	Mean	Minimum	Maximum	Range	Maximum / Minimum	Variance	N of Items
Item Means	3.505	.642	8.768	8.126	13.656	6.181	15
Item Variances	4.913	.232	29.222	28.990	125.823	63.798	15
Inter-Item Correlations	.449	.130	.748	.618	5.763	.019	15

**Item-Total Statistics**

	Scale Mean if Item Deleted	Scale Variance if Item Deleted	Corrected Item-Total Correlation	Squared Multiple Correlation	Cronbach's Alpha if Item Deleted
G78RWNumerals	50.06	389.741	.612	.503	.876
G78IDFrctns	51.27	394.265	.599	.480	.877
G78NumberLine	49.22	350.940	.827	.725	.862
G78IDSkipPtrns	51.94	404.209	.417	.371	.881
G78Count	49.04	381.488	.688	.683	.872
G782DigAddSub	43.81	248.836	.788	.738	.884
G78RepSimpPtrns	47.48	342.338	.763	.660	.862
G78LabelSetNoZero	49.41	371.606	.642	.583	.870
G78UndstndSyms	51.48	388.040	.650	.554	.875
G78RdSimpGrphs	44.31	282.512	.791	.785	.864
G78CountMoney	50.53	363.231	.700	.593	.867
G78IDMoney	49.32	383.708	.509	.436	.875
G78IDShapes	46.88	356.231	.690	.588	.866
G78MatchShapes	49.80	395.757	.569	.522	.878
G78IDPerimtr	51.55	383.591	.440	.292	.877

**Scale Statistics**

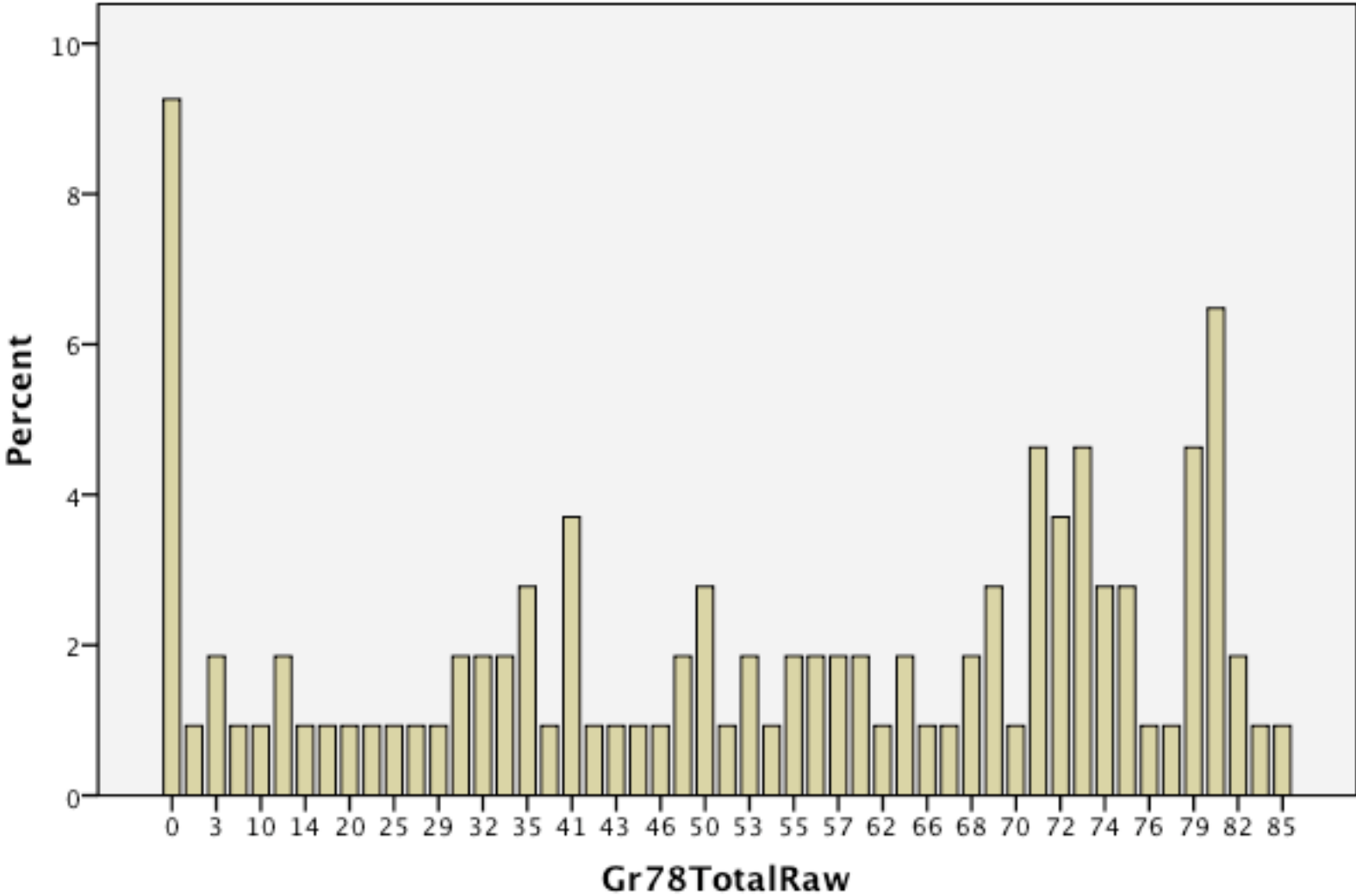
Mean	Variance	Std. Deviation	N of Items
52.58	412.523	20.311	15

**Statistics**

Gr78TotalRaw

N	Valid	108
	Missing	0

### Gr78TotalRaw



**Descriptive Statistics**

	N	Minimum	Maximum	Mean	Std. Deviation
Gr78TotalRaw	108	0	85	50.18	26.886
Valid N (listwise)	108				

**Statistics**

		G78ProfCat	G78Above-Below
N	Valid	108	108
	Missing	0	0

**Frequency Table**

**G78ProfCat**

		Frequency	Percent	Valid Percent	Cumulative Percent
Valid	1	19	17.6	17.6	17.6
	2	21	19.4	19.4	37.0
	3	20	18.5	18.5	55.6
	4	48	44.4	44.4	100.0
Total		108	100.0	100.0	

**G78Above-Below**

		Frequency	Percent	Valid Percent	Cumulative Percent
Valid	0	40	37.0	37.0	37.0
	1	68	63.0	63.0	100.0
Total		108	100.0	100.0	

Scale: G9 10 Math Task 1 Raw

**Case Processing Summary**

		N	%
Cases	Valid	107	75.4
	Excluded <sup>a</sup>	35	24.6
	Total	142	100.0

a. Listwise deletion based on all variables in the procedure.

**Reliability Statistics**

Cronbach's Alpha	Cronbach's Alpha Based on Standardized Items	N of Items
.902	.903	5

**Item Statistics**

	Mean	Std. Deviation	N
G910IdPIVal1	.77	.425	107
G910IdPIVal2	.71	.456	107
G910IdPIVal3	.76	.431	107
G910IdPIVal4	.81	.392	107
G910IdPIVal5	.78	.419	107

**Inter-Item Correlation Matrix**

	G910IdPIVal1	G910IdPIVal2	G910IdPIVal3	G910IdPIVal4	G910IdPIVal5
G910IdPIVal1	1.000	.572	.511	.642	.656
G910IdPIVal2	.572	1.000	.743	.592	.644
G910IdPIVal3	.511	.743	1.000	.679	.688
G910IdPIVal4	.642	.592	.679	1.000	.777
G910IdPIVal5	.656	.644	.688	.777	1.000

**Summary Item Statistics**

	Mean	Minimum	Maximum	Range	Maximum / Minimum	Variance	N of Items
Item Means	.764	.710	.813	.103	1.145	.001	5
Item Variances	.181	.153	.208	.054	1.354	.000	5
Inter-Item Correlations	.650	.511	.777	.266	1.520	.006	5

**Item-Total Statistics**

	Scale Mean if Item Deleted	Scale Variance if Item Deleted	Corrected Item-Total Correlation	Squared Multiple Correlation	Cronbach's Alpha if Item Deleted
G910IdPIVal1	3.06	2.204	.679	.505	.896
G910IdPIVal2	3.11	2.063	.742	.610	.884
G910IdPIVal3	3.07	2.099	.766	.656	.878
G910IdPIVal4	3.01	2.179	.786	.667	.875
G910IdPIVal5	3.05	2.083	.813	.689	.868

**Scale Statistics**

Mean	Variance	Std. Deviation	N of Items
3.82	3.242	1.800	5

Scale: G9 10 Math Task 2 Raw

**Case Processing Summary**

		N	%
Cases	Valid	107	75.4
	Excluded <sup>a</sup>	35	24.6
	Total	142	100.0

a. Listwise deletion based on all variables in the procedure.

**Reliability Statistics**

Cronbach's Alpha	Cronbach's Alpha Based on Standardized Items	N of Items
.728	.719	4

**Item Statistics**

	Mean	Std. Deviation	N
G910IdFrac1	.86	.349	107
G910IdFrac2	.64	.484	107
G910IdFrac3	.70	.460	107
G910IdFrac4	.70	.460	107

**Inter-Item Correlation Matrix**

	G910IdFrac1	G910IdFrac2	G910IdFrac3	G910IdFrac4
G910IdFrac1	1.000	.254	.148	.383
G910IdFrac2	.254	1.000	.566	.438
G910IdFrac3	.148	.566	1.000	.554
G910IdFrac4	.383	.438	.554	1.000

**Summary Item Statistics**

	Mean	Minimum	Maximum	Range	Maximum / Minimum	Variance	N of Items
Item Means	.724	.636	.860	.224	1.353	.009	4
Item Variances	.195	.122	.234	.112	1.922	.002	4
Inter-Item Correlations	.390	.148	.566	.418	3.827	.025	4

**Item-Total Statistics**

	Scale Mean if Item Deleted	Scale Variance if Item Deleted	Corrected Item-Total Correlation	Squared Multiple Correlation	Cronbach's Alpha if Item Deleted
G910IdFrac1	2.04	1.338	.317	.173	.764
G910IdFrac2	2.26	.950	.565	.358	.639
G910IdFrac3	2.20	.971	.589	.448	.624
G910IdFrac4	2.20	.952	.616	.408	.606

**Scale Statistics**

Mean	Variance	Std. Deviation	N of Items
2.90	1.716	1.310	4

Scale: G9 10 Math Task 4 Raw

**Case Processing Summary**

		N	%
Cases	Valid	107	75.4
	Excluded <sup>a</sup>	35	24.6
	Total	142	100.0

a. Listwise deletion based on all variables in the procedure.

**Reliability Statistics**

Cronbach's Alpha	Cronbach's Alpha Based on Standardized Items	N of Items
.676	.678	3

**Item Statistics**

	Mean	Std. Deviation	N
G910RndNum1	.41	.494	107
G910RndNum2	.53	.501	107
G910RndNum3	.37	.486	107

**Inter-Item Correlation Matrix**

	G910RndNum1	G910RndNum2	G910RndNum3
G910RndNum1	1.000	.288	.728
G910RndNum2	.288	1.000	.220
G910RndNum3	.728	.220	1.000

**Summary Item Statistics**

	Mean	Minimum	Maximum	Range	Maximum / Minimum	Variance	N of Items
Item Means	.439	.374	.533	.159	1.425	.007	3
Item Variances	.244	.236	.251	.015	1.063	.000	3
Inter-Item Correlations	.412	.220	.728	.508	3.305	.061	3

**Item-Total Statistics**

	Scale Mean if Item Deleted	Scale Variance if Item Deleted	Corrected Item-Total Correlation	Squared Multiple Correlation	Cronbach's Alpha if Item Deleted
G910RndNum1	.91	.595	.646	.547	.361
G910RndNum2	.79	.831	.274	.083	.843
G910RndNum3	.94	.638	.589	.531	.447

**Scale Statistics**

Mean	Variance	Std. Deviation	N of Items
1.32	1.332	1.154	3

Scale: G9 10 Math Task 5 Raw

**Case Processing Summary**

		N	%
Cases	Valid	107	75.4
	Excluded <sup>a</sup>	35	24.6
	Total	142	100.0

a. Listwise deletion based on all variables in the procedure.

**Reliability Statistics**

Cronbach's Alpha	Cronbach's Alpha Based on Standardized Items	N of Items
.889	.899	6

**Item Statistics**

	Mean	Std. Deviation	N
G910DDAdd/Subt1	1.31	.915	107
G910DDAdd/Subt2	1.49	.840	107
G910DDAdd/Subt3	1.17	.916	107
G910DDAdd/Subt4	1.37	.864	107
G910DDAdd/Subt5	.50	.502	107
G910DDAdd/Subt6	1.01	.986	107

**Inter-Item Correlation Matrix**

	G910DDAdd/Subt1	G910DDAdd/Subt2	G910DDAdd/Subt3	G910DDAdd/Subt4	G910DDAdd/Subt5	G910DDAdd/Subt6
G910DDAdd/Subt1	1.000	.773	.579	.688	.561	.540
G910DDAdd/Subt2	.773	1.000	.530	.645	.420	.405
G910DDAdd/Subt3	.579	.530	1.000	.623	.572	.573
G910DDAdd/Subt4	.688	.645	.623	1.000	.648	.561
G910DDAdd/Subt5	.561	.420	.572	.648	1.000	.848
G910DDAdd/Subt6	.540	.405	.573	.561	.848	1.000

**Summary Item Statistics**

	Mean	Minimum	Maximum	Range	Maximum / Minimum	Variance	N of Items
Item Means	1.142	.505	1.486	.981	2.944	.125	6
Item Variances	.725	.252	.972	.719	3.850	.062	6
Inter-Item Correlations	.598	.405	.848	.443	2.094	.013	6

**Item-Total Statistics**

	Scale Mean if Item Deleted	Scale Variance if Item Deleted	Corrected Item-Total Correlation	Squared Multiple Correlation	Cronbach's Alpha if Item Deleted
G910DDAdd/Subt1	5.54	11.194	.774	.688	.858
G910DDAdd/Subt2	5.36	12.102	.678	.636	.873
G910DDAdd/Subt3	5.68	11.596	.695	.489	.871
G910DDAdd/Subt4	5.48	11.497	.773	.632	.858
G910DDAdd/Subt5	6.35	13.719	.752	.766	.876
G910DDAdd/Subt6	5.84	11.324	.675	.735	.877

**Scale Statistics**

Mean	Variance	Std. Deviation	N of Items
6.85	16.770	4.095	6

Scale: G9 10 Math Task 7 Raw

**Case Processing Summary**

		N	%
Cases	Valid	107	75.4
	Excluded <sup>a</sup>	35	24.6
	Total	142	100.0

a. Listwise deletion based on all variables in the procedure.

**Reliability Statistics**

Cronbach's Alpha	Cronbach's Alpha Based on Standardized Items	N of Items
.735	.736	4

**Item Statistics**

	Mean	Std. Deviation	N
G910UndSymb1	.73	.447	107
G910UndSymb2	.73	.447	107
G910UndSymb3	.52	.502	107
G910UndSymb4	.55	.500	107

**Inter-Item Correlation Matrix**

	G910UndSymb1	G910UndSymb2	G910UndSymb3	G910UndSymb4
G910UndSymb1	1.000	.669	.302	.253
G910UndSymb2	.669	1.000	.302	.296
G910UndSymb3	.302	.302	1.000	.644
G910UndSymb4	.253	.296	.644	1.000

**Summary Item Statistics**

	Mean	Minimum	Maximum	Range	Maximum / Minimum	Variance	N of Items
Item Means	.633	.523	.729	.206	1.393	.012	4
Item Variances	.225	.199	.252	.052	1.263	.001	4
Inter-Item Correlations	.411	.253	.669	.416	2.641	.033	4

**Item-Total Statistics**

	Scale Mean if Item Deleted	Scale Variance if Item Deleted	Corrected Item-Total Correlation	Squared Multiple Correlation	Cronbach's Alpha if Item Deleted
G910UndSymb1	1.80	1.291	.508	.458	.686
G910UndSymb2	1.80	1.272	.530	.465	.674
G910UndSymb3	2.01	1.160	.549	.437	.662
G910UndSymb4	1.98	1.188	.521	.426	.679

**Scale Statistics**

Mean	Variance	Std. Deviation	N of Items
------	----------	----------------	------------

**Scale Statistics**

Mean	Variance	Std. Deviation	N of Items
2.53	2.006	1.416	4

Scale: G9 10 Math Task 8 Raw

**Case Processing Summary**

		N	%
Cases	Valid	107	75.4
	Excluded <sup>a</sup>	35	24.6
	Total	142	100.0

a. Listwise deletion based on all variables in the procedure.

**Reliability Statistics**

Cronbach's Alpha	Cronbach's Alpha Based on Standardized Items	N of Items
.803	.849	10

**Item Statistics**

	Mean	Std. Deviation	N
G910RdSimpGrph1	.62	.488	107
G910RdSimpGrph2	.87	.339	107
G910RdSimpGrph3	.95	.212	107
G910RdSimpGrph4	.83	.376	107
G910RdSimpGrph5	.95	.212	107
G910RdSimpGrph6	.87	.339	107
G910RdSimpGrph7	1.60	.738	107
G910RdSimpGrph8	1.44	.860	107
G910RdSimpGrph9	1.68	.695	107
G910RdSimpGrph10	.36	.756	107

**Inter-Item Correlation Matrix**

	G910Rd SimpGrph1	G910Rd SimpGrph2	G910Rd SimpGrph3	G910Rd SimpGrph4	G910Rd SimpGrph5	G910Rd SimpGrph6	G910Rd SimpGrph7	G910Rd SimpGrph8	G910Rd SimpGrph9	G910Rd SimpGrph10
G910RdSimpGrph1	1.000	.435	.281	.416	.281	.435	.354	.382	.333	.244
G910RdSimpGrph2	.435	1.000	.308	.270	.439	.425	.203	.232	.343	.183
G910RdSimpGrph3	.281	.308	1.000	.374	.790	.439	.241	.321	.154	.046
G910RdSimpGrph4	.416	.270	.374	1.000	.374	.715	.400	.523	.407	.212
G910RdSimpGrph5	.281	.439	.790	.374	1.000	.571	.301	.321	.282	.105
G910RdSimpGrph6	.435	.425	.439	.715	.571	1.000	.391	.555	.503	.183
G910RdSimpGrph7	.354	.203	.241	.400	.301	.391	1.000	.534	.576	.241
G910RdSimpGrph8	.382	.232	.321	.523	.321	.555	.534	1.000	.567	.251
G910RdSimpGrph9	.333	.343	.154	.407	.282	.503	.576	.567	1.000	.217

**Inter-Item Correlation Matrix**

	G910Rd SimpGrph1	G910Rd SimpGrph2	G910Rd SimpGrph3	G910Rd SimpGrph4	G910Rd SimpGrph5	G910Rd SimpGrph6	G910Rd SimpGrph7	G910Rd SimpGrph8	G910Rd SimpGrph9	G910Rd SimpGrph10
G910RdSimpGrph1	1.000	.435	.281	.416	.281	.435	.354	.382	.333	.244
G910RdSimpGrph2	.435	1.000	.308	.270	.439	.425	.203	.232	.343	.183
G910RdSimpGrph3	.281	.308	1.000	.374	.790	.439	.241	.321	.154	.046
G910RdSimpGrph4	.416	.270	.374	1.000	.374	.715	.400	.523	.407	.212
G910RdSimpGrph5	.281	.439	.790	.374	1.000	.571	.301	.321	.282	.105
G910RdSimpGrph6	.435	.425	.439	.715	.571	1.000	.391	.555	.503	.183
G910RdSimpGrph7	.354	.203	.241	.400	.301	.391	1.000	.534	.576	.241
G910RdSimpGrph8	.382	.232	.321	.523	.321	.555	.534	1.000	.567	.251
G910RdSimpGrph9	.333	.343	.154	.407	.282	.503	.576	.567	1.000	.217
G910RdSimpGrph10	.244	.183	.046	.212	.105	.183	.241	.251	.217	1.000

**Summary Item Statistics**

	Mean	Minimum	Maximum	Range	Maximum / Minimum	Variance	N of Items
Item Means	1.017	.355	1.682	1.327	4.737	.183	10
Item Variances	.304	.045	.739	.694	16.439	.065	10
Inter-Item Correlations	.359	.046	.790	.745	17.299	.023	10

**Item-Total Statistics**

	Scale Mean if Item Deleted	Scale Variance if Item Deleted	Corrected Item-Total Correlation	Squared Multiple Correlation	Cronbach's Alpha if Item Deleted
G910RdSimpGrph1	9.55	9.174	.520	.343	.782

G910RdSimpGrph2	9.30	9.929	.426	.351	.794
G910RdSimpGrph3	9.21	10.359	.402	.665	.800
G910RdSimpGrph4	9.34	9.395	.615	.567	.778
G910RdSimpGrph5	9.21	10.246	.488	.723	.796
G910RdSimpGrph6	9.30	9.419	.682	.680	.776
G910RdSimpGrph7	8.57	7.927	.597	.433	.771
G910RdSimpGrph8	8.73	7.181	.658	.504	.765
G910RdSimpGrph9	8.49	8.007	.626	.500	.766
G910RdSimpGrph10	9.81	9.021	.300	.118	.817

**Scale Statistics**

Mean	Variance	Std. Deviation	N of Items
10.17	10.953	3.309	10

**Scale: G9 10 Math Task 9 Raw**

**Case Processing Summary**

		N	%
Cases	Valid	107	75.4
	Excluded <sup>a</sup>	35	24.6
	Total	142	100.0

a. Listwise deletion based on all variables in the procedure.

**Reliability Statistics**

Cronbach's Alpha	Cronbach's Alpha Based on Standardized Items	N of Items

**Reliability Statistics**

Cronbach's Alpha	Cronbach's Alpha Based on Standardized Items	N of Items
.813	.827	6

**Item Statistics**

	Mean	Std. Deviation	N
G910IdUntsMeas1	1.62	.709	107
G910IdUntsMeas2	.77	.425	107
G910IdUntsMeas3	.74	.442	107
G910IdUntsMeas4	.79	.413	107
G910IdUntsMeas5	.78	.419	107
G910IdUntsMeas6	.80	.399	107

**Inter-Item Correlation Matrix**

	G910IdUntsMeas1	G910IdUntsMeas2	G910IdUntsMeas3	G910IdUntsMeas4	G910IdUntsMeas5	G910IdUntsMeas6
G910IdUntsMeas1	1.000	.608	.370	.522	.470	.399
G910IdUntsMeas2	.608	1.000	.324	.464	.444	.339
G910IdUntsMeas3	.370	.324	1.000	.413	.343	.188
G910IdUntsMeas4	.522	.464	.413	1.000	.646	.543
G910IdUntsMeas5	.470	.444	.343	.646	1.000	.580
G910IdUntsMeas6	.399	.339	.188	.543	.580	1.000

**Summary Item Statistics**

	Mean	Minimum	Maximum	Range	Maximum / Minimum	Variance	N of Items
Item Means	.914	.738	1.617	.879	2.190	.119	6
Item Variances	.231	.159	.503	.344	3.157	.018	6
Inter-Item Correlations	.443	.188	.646	.458	3.442	.015	6

**Item-Total Statistics**

	Scale Mean if Item Deleted	Scale Variance if Item Deleted	Corrected Item-Total Correlation	Squared Multiple Correlation	Cronbach's Alpha if Item Deleted
G910IdUntsMeas1	3.87	2.379	.644	.465	.787
G910IdUntsMeas2	4.72	3.185	.609	.413	.778
G910IdUntsMeas3	4.75	3.398	.428	.222	.813
G910IdUntsMeas4	4.70	3.098	.703	.535	.760
G910IdUntsMeas5	4.71	3.132	.662	.517	.768
G910IdUntsMeas6	4.68	3.351	.534	.399	.793

**Scale Statistics**

Mean	Variance	Std. Deviation	N of Items
5.49	4.290	2.071	6

Scale: G9 10 Math Task 10 Raw

**Case Processing Summary**

	N	%
Cases Valid	107	75.4

Excluded <sup>a</sup>	35	24.6
Total	142	100.0

a. Listwise deletion based on all variables in the procedure.

**Reliability Statistics**

	Cronbach's Alpha	
Cronbach's Alpha	Based on Standardized Items	N of Items
.648	.722	3

**Item Statistics**

	Mean	Std. Deviation	N
G910CtMoney1	1.70	1.151	107
G910CtMoney2	.77	.425	107
G910CtMoney3	2.42	1.775	107

**Inter-Item Correlation Matrix**

	G910CtMoney1	G910CtMoney2	G910CtMoney3
G910CtMoney1	1.000	.396	.639
G910CtMoney2	.396	1.000	.356
G910CtMoney3	.639	.356	1.000

**Summary Item Statistics**

	Mean	Minimum	Maximum	Range	Maximum / Minimum	Variance	N of Items
--	------	---------	---------	-------	-------------------	----------	------------

Item Means	1.629	.766	2.421	1.654	3.159	.688	3
Item Variances	1.552	.181	3.152	2.971	17.437	2.245	3
Inter-Item Correlations	.464	.356	.639	.283	1.794	.019	3

**Item-Total Statistics**

	Scale Mean if Item Deleted	Scale Variance if Item Deleted	Corrected Item-Total Correlation	Squared Multiple Correlation	Cronbach's Alpha if Item Deleted
G910CtMoney1	3.19	3.870	.662	.441	.278
G910CtMoney2	4.12	7.089	.409	.175	.737
G910CtMoney3	2.47	1.893	.645	.421	.409

**Scale Statistics**

Mean	Variance	Std. Deviation	N of Items
4.89	8.195	2.863	3

**Scale: G9 10 Math Task 11 Raw**

**Case Processing Summary**

		N	%
Cases	Valid	107	75.4
	Excluded <sup>a</sup>	35	24.6
	Total	142	100.0

a. Listwise deletion based on all variables in the procedure.

**Reliability Statistics**

	Cronbach's Alpha Based on	
Cronbach's Alpha	Standardized Items	N of Items
.721	.743	8

**Item Statistics**

	Mean	Std. Deviation	N
G910DesCompShap1	.96	.191	107
G910DesCompShap2	.84	.367	107
G910DesCompShap3	.71	.456	107
G910DesCompShap4	.77	.425	107
G910DesCompShap5	.20	.399	107
G910DesCompShap6	.93	.248	107
G910DesCompShap7	.85	.358	107
G910DesCompShap8	.80	.399	107

**Inter-Item Correlation Matrix**

	G910DesCompS hap1	G910DesCompS hap2	G910DesCompSh ap3	G910DesCompSh ap4	G910DesCompSh ap5	G910DesCompSh ap6	G910DesCompS hap7	G910DesCompSh ap8
G910DesCompShap1	1.000	.453	.200	.240	.097	.346	.194	.275
G910DesCompShap2	.453	1.000	.286	.304	.215	.299	.678	.300
G910DesCompShap3	.200	.286	1.000	.378	.056	.164	.194	.255
G910DesCompShap4	.240	.304	.378	1.000	.162	.301	.388	.172
G910DesCompShap5	.097	.215	.056	.162	1.000	.131	.207	.126
G910DesCompShap6	.346	.299	.164	.301	.131	1.000	.525	.155
G910DesCompShap7	.194	.678	.194	.388	.207	.525	1.000	.321

**Inter-Item Correlation Matrix**

	G910DesCompS hap1	G910DesCompS hap2	G910DesCompSh ap3	G910DesCompSh ap4	G910DesCompSh ap5	G910DesCompSh ap6	G910DesCompS hap7	G910DesCompSh ap8
G910DesCompShap1	1.000	.453	.200	.240	.097	.346	.194	.275
G910DesCompShap2	.453	1.000	.286	.304	.215	.299	.678	.300
G910DesCompShap3	.200	.286	1.000	.378	.056	.164	.194	.255
G910DesCompShap4	.240	.304	.378	1.000	.162	.301	.388	.172
G910DesCompShap5	.097	.215	.056	.162	1.000	.131	.207	.126
G910DesCompShap6	.346	.299	.164	.301	.131	1.000	.525	.155
G910DesCompShap7	.194	.678	.194	.388	.207	.525	1.000	.321
G910DesCompShap8	.275	.300	.255	.172	.126	.155	.321	1.000

**Summary Item Statistics**

	Mean	Minimum	Maximum	Range	Maximum / Minimum	Variance	N of Items
Item Means	.758	.196	.963	.766	4.905	.058	8
Item Variances	.134	.036	.208	.171	5.718	.003	8
Inter-Item Correlations	.265	.056	.678	.622	12.057	.018	8

**Item-Total Statistics**

	Scale Mean if Item Deleted	Scale Variance if Item Deleted	Corrected Item-Total Correlation	Squared Multiple Correlation	Cronbach's Alpha if Item Deleted
G910DesCompShap1	5.10	2.603	.411	.380	.704
G910DesCompShap2	5.22	2.119	.597	.614	.653
G910DesCompShap3	5.36	2.193	.364	.214	.709
G910DesCompShap4	5.30	2.136	.463	.273	.682
G910DesCompShap5	5.87	2.454	.223	.065	.735
G910DesCompShap6	5.13	2.492	.431	.394	.695
G910DesCompShap7	5.21	2.133	.603	.661	.652
G910DesCompShap8	5.26	2.289	.367	.189	.703

**Scale Statistics**

Mean	Variance	Std. Deviation	N of Items
6.07	2.892	1.701	8

Scale: G9 10 Math Task 12 Raw

**Case Processing Summary**

		N	%
Cases	Valid	107	75.4
	Excluded <sup>a</sup>	35	24.6
	Total	142	100.0

a. Listwise deletion based on all variables in the procedure.

**Reliability Statistics**

Cronbach's Alpha	Cronbach's Alpha Based on Standardized Items	N of Items
.660	.661	2

**Item Statistics**

	Mean	Std. Deviation	N
G910LnSym1	.60	.493	107
G910LnSym2	.53	.501	107

**Inter-Item Correlation Matrix**

	G910LnSym1	G910LnSym2
G910LnSym1	1.000	.493
G910LnSym2	.493	1.000

**Summary Item Statistics**

	Mean	Minimum	Maximum	Range	Maximum / Minimum	Variance	N of Items
Item Means	.565	.533	.598	.065	1.123	.002	2
Item Variances	.247	.243	.251	.009	1.036	.000	2
Inter-Item Correlations	.493	.493	.493	.000	1.000	.000	2

**Item-Total Statistics**

	Scale Mean if Item Deleted	Scale Variance if Item Deleted	Corrected Item-Total Correlation	Squared Multiple Correlation	Cronbach's Alpha if Item Deleted
G910LnSym1	.53	.251	.493	.243	. <sup>a</sup>
G910LnSym2	.60	.243	.493	.243	. <sup>a</sup>

a. The value is negative due to a negative average covariance among items. This violates reliability model assumptions. You may want to check item codings.

**Scale Statistics**

Mean	Variance	Std. Deviation	N of Items
1.13	.737	.859	2

Scale: G9 10 Math Total Item Raw

Case Processing Summary

		N	%
Cases	Valid	107	75.4
	Excluded <sup>a</sup>	35	24.6
	Total	142	100.0

a. Listwise deletion based on all variables in the procedure.

Reliability Statistics

Cronbach's Alpha	Cronbach's Alpha Based on Standardized Items	N of Items
.938	.951	59

## Item Statistics

	Mean	Std. Deviation	N
G910IdPIVal1	.77	.425	107
G910IdPIVal2	.71	.456	107
G910IdPIVal3	.76	.431	107
G910IdPIVal4	.81	.392	107
G910IdPIVal5	.78	.419	107
G910IdFrac1	.86	.349	107
G910IdFrac2	.64	.484	107
G910IdFrac3	.70	.460	107
G910IdFrac4	.70	.460	107
G910OrdNum1	4.42	1.460	107
G910RndNum1	.41	.494	107
G910RndNum2	.53	.501	107
G910RndNum3	.37	.486	107
G910DDAdd/Subt1	1.31	.915	107
G910DDAdd/Subt2	1.49	.840	107
G910DDAdd/Subt3	1.17	.916	107
G910DDAdd/Subt4	1.37	.864	107
G910DDAdd/Subt5	.50	.502	107
G910DDAdd/Subt6	1.01	.986	107
G910RepFISimpPat1	1.75	.660	107
G910RepFISimpPat2	1.77	.608	107
G910RepFISimpPat3	.73	.447	107
G910RepFISimpPat4	.88	.328	107
G910RepFISimpPat5	1.35	.902	107

G910RepFlSimpPat6	1.36	.915	107
G910UndSymb1	.73	.447	107
G910UndSymb2	.73	.447	107
G910UndSymb3	.52	.502	107
G910UndSymb4	.55	.500	107
G910RdSimpGrph1	.62	.488	107
G910RdSimpGrph2	.87	.339	107
G910RdSimpGrph3	.95	.212	107
G910RdSimpGrph4	.83	.376	107
G910RdSimpGrph5	.95	.212	107
G910RdSimpGrph6	.87	.339	107
G910RdSimpGrph7	1.60	.738	107
G910RdSimpGrph8	1.44	.860	107
G910RdSimpGrph9	1.68	.695	107
G910RdSimpGrph10	.36	.756	107
G910IdUntsMeas1	1.62	.709	107
G910IdUntsMeas2	.77	.425	107
G910IdUntsMeas3	.74	.442	107
G910IdUntsMeas4	.79	.413	107
G910IdUntsMeas5	.78	.419	107
G910IdUntsMeas6	.80	.399	107
G910CtMoney1	1.70	1.151	107
G910CtMoney2	.77	.425	107
G910CtMoney3	2.42	1.775	107
G910DesCompShap1	.96	.191	107
G910DesCompShap2	.84	.367	107
G910DesCompShap3	.71	.456	107
G910DesCompShap4	.77	.425	107

G910DesCompShap5	.20	.399	107
G910DesCompShap6	.93	.248	107
G910DesCompShap7	.85	.358	107
G910DesCompShap8	.80	.399	107
G910LnSym1	.60	.493	107
G910LnSym2	.53	.501	107
G910IdPerim1	.96	1.460	107

**Summary Item Statistics**

	Mean	Minimum	Maximum	Range	Maximum / Minimum	Variance	N of Items
Item Means	.989	.196	4.421	4.224	22.524	.382	59
Item Variances	.429	.036	3.152	3.115	86.762	.311	59
Inter-Item Correlations	.246	-.090	.848	.937	-9.465	.019	59

## Item-Total Statistics

	Scale Mean if Item Deleted	Scale Variance if Item Deleted	Corrected Item-Total Correlation	Squared Multiple Correlation	Cronbach's Alpha if Item Deleted
G910IdPIVal1	57.61	319.505	.358	.	.937
G910IdPIVal2	57.66	316.942	.491	.	.937
G910IdPIVal3	57.62	318.956	.389	.	.937
G910IdPIVal4	57.56	321.135	.273	.	.938
G910IdPIVal5	57.60	319.394	.371	.	.937
G910IdFrac1	57.51	318.139	.552	.	.937
G910IdFrac2	57.74	317.308	.440	.	.937
G910IdFrac3	57.67	319.203	.347	.	.937
G910IdFrac4	57.67	316.373	.522	.	.937
G910OrdNum1	53.95	289.347	.677	.	.936
G910RndNum1	57.96	318.074	.386	.	.937
G910RndNum2	57.84	318.003	.384	.	.937
G910RndNum3	58.00	318.472	.370	.	.937
G910DDAdd/Subt1	57.07	305.269	.594	.	.936
G910DDAdd/Subt2	56.89	307.101	.588	.	.936
G910DDAdd/Subt3	57.21	308.486	.491	.	.937
G910DDAdd/Subt4	57.00	306.642	.586	.	.936
G910DDAdd/Subt5	57.87	315.190	.543	.	.937
G910DDAdd/Subt6	57.36	305.913	.529	.	.937
G910RepFISimpPat1	56.63	310.765	.598	.	.936
G910RepFISimpPat2	56.61	310.675	.657	.	.936
G910RepFISimpPat3	57.64	316.741	.515	.	.937
G910RepFISimpPat4	57.50	318.403	.564	.	.937
G910RepFISimpPat5	57.03	305.160	.608	.	.936

G910RepFlSimpPat6	57.01	308.292	.498	.	.937
G910UndSymb1	57.64	314.495	.658	.	.936
G910UndSymb2	57.64	316.495	.530	.	.937
G910UndSymb3	57.85	316.694	.458	.	.937
G910UndSymb4	57.82	319.072	.325	.	.938
G910RdSimpGrph1	57.76	316.205	.500	.	.937
G910RdSimpGrph2	57.50	319.460	.458	.	.937
G910RdSimpGrph3	57.42	322.303	.365	.	.938
G910RdSimpGrph4	57.54	318.571	.478	.	.937
G910RdSimpGrph5	57.42	321.793	.432	.	.938
G910RdSimpGrph6	57.50	317.894	.589	.	.937
G910RdSimpGrph7	56.78	307.572	.657	.	.936
G910RdSimpGrph8	56.93	305.062	.643	.	.936
G910RdSimpGrph9	56.69	308.310	.669	.	.936
G910RdSimpGrph10	58.02	313.396	.417	.	.937
G910IdUntsMeas1	56.76	312.110	.499	.	.937
G910IdUntsMeas2	57.61	317.882	.466	.	.937
G910IdUntsMeas3	57.64	316.139	.560	.	.937
G910IdUntsMeas4	57.59	314.924	.685	.	.936
G910IdUntsMeas5	57.60	315.997	.601	.	.937
G910IdUntsMeas6	57.57	317.436	.529	.	.937
G910CtMoney1	56.67	300.562	.582	.	.936
G910CtMoney2	57.61	319.637	.349	.	.937
G910CtMoney3	55.95	285.253	.612	.	.938
G910DesCompShap1	57.41	323.301	.261	.	.938
G910DesCompShap2	57.53	317.421	.578	.	.937
G910DesCompShap3	57.66	318.282	.408	.	.937
G910DesCompShap4	57.61	320.014	.324	.	.938

G910DesCompShap5	58.18	320.657	.301	.	.938
G910DesCompShap6	57.44	323.173	.211	.	.938
G910DesCompShap7	57.52	317.742	.568	.	.937
G910DesCompShap8	57.57	319.983	.349	.	.937
G910LnSym1	57.78	319.232	.321	.	.938
G910LnSym2	57.84	318.154	.376	.	.937
G910IdPerim1	57.41	312.641	.201	.	.942

**Scale Statistics**

Mean	Variance	Std. Deviation	N of Items
58.37	325.123	18.031	59

**Scale: G9 10 Math Total Subscale Raw**

**Case Processing Summary**

		N	%
Cases	Valid	123	86.6
	Excluded <sup>a</sup>	19	13.4
	Total	142	100.0

a. Listwise deletion based on all variables in the procedure.

**Reliability Statistics**

Cronbach's Alpha	Cronbach's Alpha Based on Standardized Items	N of Items
.871	.888	12

**Item Statistics**

	Mean	Std. Deviation	N
G910IDPlaceValu	3.68	1.870	123
G910IDFrctns	2.80	1.379	123
G910OrdrNums	4.15	1.723	123
G910RoundNums	1.24	1.148	123
G9102DigAddSubMlt	6.26	4.347	123
G910RepSimpPptrns	7.47	3.087	123
G910UndstndSyms	2.43	1.432	123
G910RdSimpGrphs	9.79	3.498	123
G910IDUnitsMsmt	5.15	2.271	123
G910CountMoney	4.50	2.979	123
G910LinesSymty	1.09	.859	123
G910IDPerimtr	.85	1.401	123

**Inter-Item Correlation Matrix**

	G910ID PlaceValu	G910ID Frctns	G910Ordr Nums	G910Round Nums	G9102Dig AddSubMlt	G910Rep SimpPptrns	G910Undstnd Syms	G910RdS imp Grphs	G910ID UnitsMsmt	G910Count Money	G910Lines Symty	G910ID Perimtr
G910IDPlaceValu	1.000	.315	.478	.384	.267	.356	.370	.455	.380	.241	.283	.073
G910IDFrctns	.315	1.000	.389	.322	.338	.577	.385	.572	.457	.474	.272	.192
G910OrdrNums	.478	.389	1.000	.312	.551	.546	.391	.687	.734	.518	.256	.149
G910RoundNums	.384	.322	.312	1.000	.337	.411	.449	.452	.351	.395	.235	.252
G9102DigAddSubMlt	.267	.338	.551	.337	1.000	.658	.510	.500	.485	.470	.130	.103
G910RepSimpPptrns	.356	.577	.546	.411	.658	1.000	.521	.655	.587	.535	.299	.219
G910UndstndSyms	.370	.385	.391	.449	.510	.521	1.000	.562	.444	.510	.368	.289
G910RdSimpGrphs	.455	.572	.687	.452	.500	.655	.562	1.000	.722	.597	.421	.231
G910IDUnitsMsmt	.380	.457	.734	.351	.485	.587	.444	.722	1.000	.596	.292	.208
G910CountMoney	.241	.474	.518	.395	.470	.535	.510	.597	.596	1.000	.319	.206
G910LinesSymty	.283	.272	.256	.235	.130	.299	.368	.421	.292	.319	1.000	.215
G910IDPerimtr	.073	.192	.149	.252	.103	.219	.289	.231	.208	.206	.215	1.000

**Summary Item Statistics**

	Mean	Minimum	Maximum	Range	Maximum / Minimum	Variance	N of Items
Item Means	4.119	.854	9.789	8.935	11.467	7.461	12
Item Variances	5.761	.738	18.899	18.161	25.614	30.889	12
Inter-Item Correlations	.398	.073	.734	.661	10.065	.024	12

**Item-Total Statistics**

	Scale Mean if Item Deleted	Scale Variance if Item Deleted	Corrected Item-Total Correlation	Squared Multiple Correlation	Cronbach's Alpha if Item Deleted
G910IDPlaceValu	45.74	309.407	.455	.355	.867
G910IDFrctns	46.63	312.285	.588	.428	.863
G910OrdrNums	45.27	296.903	.724	.660	.855
G910RoundNums	48.18	320.427	.513	.327	.867
G9102DigAddSubMlt	43.16	240.727	.617	.553	.870
G910RepSimpPptrns	41.95	257.604	.764	.637	.846
G910UndstndSymbs	46.99	307.992	.652	.491	.860
G910RdSimpGrphs	39.63	243.545	.797	.709	.843
G910IDUnitsMsmt	44.28	281.316	.740	.656	.850
G910CountMoney	44.92	269.157	.663	.500	.854
G910LinesSymty	48.33	330.044	.386	.250	.872
G910IDPerimtr	48.57	328.083	.252	.140	.875

**Scale Statistics**

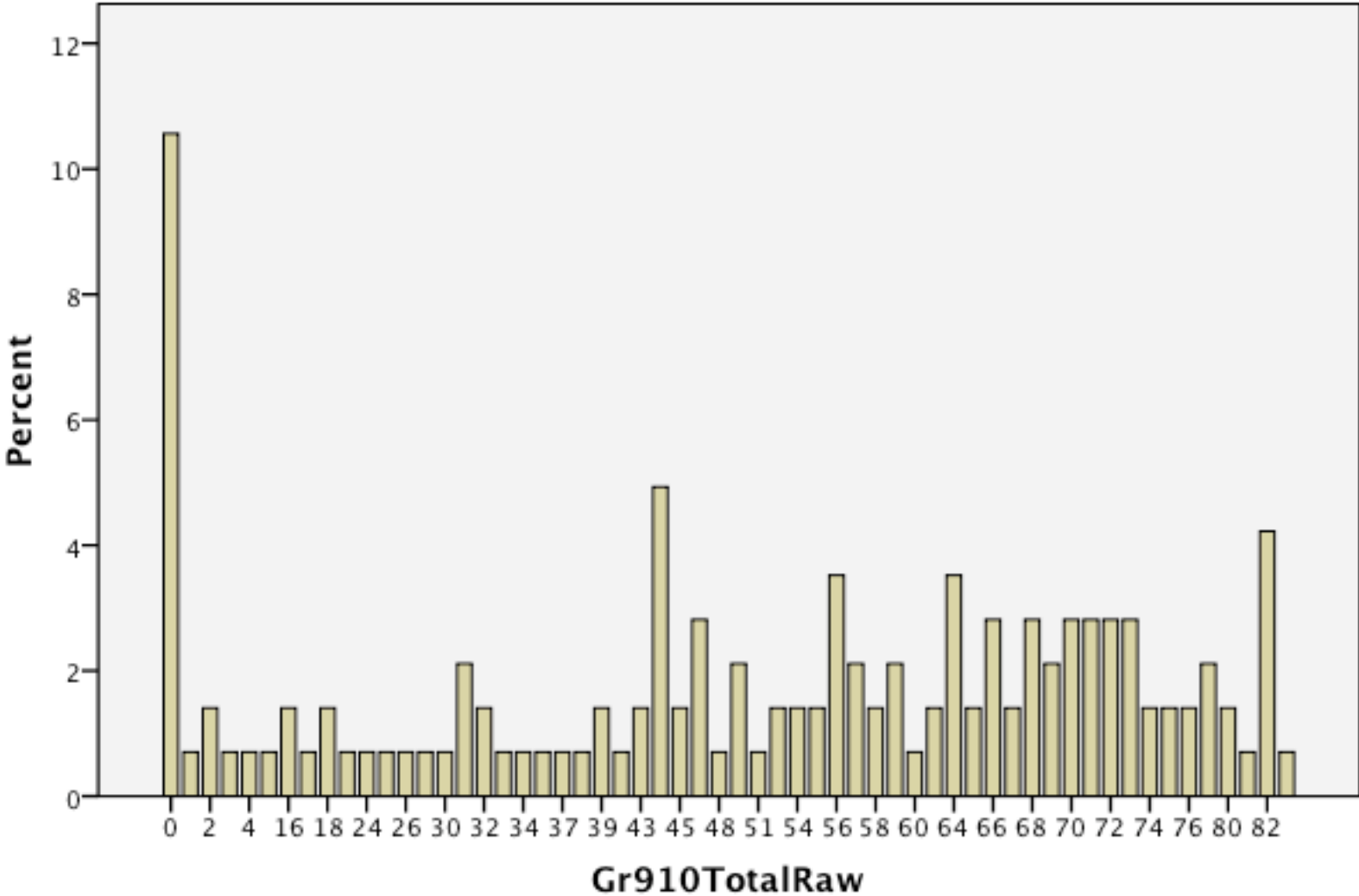
Mean	Variance	Std. Deviation	N of Items
49.42	342.836	18.516	12

**Statistics**

Gr910TotalRaw

N	Valid	142
	Missing	0

### Gr910TotalRaw



**Descriptive Statistics**

	N	Minimum	Maximum	Mean	Std. Deviation
Gr910TotalRaw	142	0	85	48.27	25.689
Valid N (listwise)	142				

**Statistics**

		G910ProfCat	G910Above-Below
N	Valid	139	139
	Missing	3	3

**Frequency Table**

**G910ProfCat**

		Frequency	Percent	Valid Percent	Cumulative Percent
Valid	1	26	18.3	18.7	18.7
	2	39	27.5	28.1	46.8
	3	37	26.1	26.6	73.4
	4	37	26.1	26.6	100.0
Total		139	97.9	100.0	
Missing	System	3	2.1		
Total		142	100.0		

**G910Above-Below**

		Frequency	Percent	Valid Percent	Cumulative Percent
Valid	0	65	45.8	46.8	46.8
	1	74	52.1	53.2	100.0
	Total	139	97.9	100.0	
Missing	System	3	2.1		
Total		142	100.0		

stu\_grade = 3

**Statistics<sup>a</sup>**

G34ProfCat

N	Valid	46
	Missing	8

a. stu\_grade = 3

**G34ProfCat<sup>a</sup>**

		Frequency	Percent	Valid Percent	Cumulative Percent
Valid	1	13	24.1	28.3	28.3
	2	6	11.1	13.0	41.3
	3	7	13.0	15.2	56.5
	4	20	37.0	43.5	100.0
	Total	46	85.2	100.0	
Missing	System	8	14.8		
Total		54	100.0		

a. stu\_grade = 3

stu\_grade = 4

Statistics<sup>a</sup>

G34ProfCat

N	Valid	48
	Missing	14

a. stu\_grade = 4

G34ProfCat<sup>a</sup>

		Frequency	Percent	Valid Percent	Cumulative Percent
Valid	1	8	12.9	16.7	16.7
	2	8	12.9	16.7	33.3
	3	7	11.3	14.6	47.9
	4	25	40.3	52.1	100.0
	Total	48	77.4	100.0	
Missing	System	14	22.6		
Total		62	100.0		

a. stu\_grade = 4

stu\_grade = 3

**Statistics<sup>a</sup>**

G34Above-Below

N	Valid	46
	Missing	8

a. stu\_grade = 3

**G34Above-Below<sup>a</sup>**

		Frequency	Percent	Valid Percent	Cumulative Percent
Valid	0	19	35.2	41.3	41.3
	1	27	50.0	58.7	100.0
	Total	46	85.2	100.0	
Missing	System	8	14.8		
Total		54	100.0		

a. stu\_grade = 3

stu\_grade = 4

Statistics<sup>a</sup>

G34Above-Below

N	Valid	48
	Missing	14

a. stu\_grade = 4

G34Above-Below<sup>a</sup>

		Frequency	Percent	Valid Percent	Cumulative Percent
Valid	0	16	25.8	33.3	33.3
	1	32	51.6	66.7	100.0
	Total	48	77.4	100.0	
Missing	System	14	22.6		
Total		62	100.0		

a. stu\_grade = 4

stu\_grade = 5

**Statistics<sup>a</sup>**

G56ProfCat

N	Valid	61
	Missing	1

a. stu\_grade = 5

**G56ProfCat<sup>a</sup>**

		Frequency	Percent	Valid Percent	Cumulative Percent
Valid	1	9	14.5	14.8	14.8
	2	5	8.1	8.2	23.0
	3	6	9.7	9.8	32.8
	4	41	66.1	67.2	100.0
	Total	61	98.4	100.0	
Missing	System	1	1.6		
Total		62	100.0		

a. stu\_grade = 5

stu\_grade = 6

**Statistics<sup>a</sup>**

G56ProfCat

N	Valid	56
	Missing	1

a. stu\_grade = 6

**G56ProfCat<sup>a</sup>**

		Frequency	Percent	Valid Percent	Cumulative Percent
Valid	1	4	7.0	7.1	7.1
	3	14	24.6	25.0	32.1
	4	38	66.7	67.9	100.0
	Total	56	98.2	100.0	
Missing	System	1	1.8		
Total		57	100.0		

a. stu\_grade = 6

stu\_grade = 5

**Statistics<sup>a</sup>**

G56Above-Below

N	Valid	61
	Missing	1

a. stu\_grade = 5

**G56Above-Below<sup>a</sup>**

		Frequency	Percent	Valid Percent	Cumulative Percent
Valid	0	14	22.6	23.0	23.0
	1	47	75.8	77.0	100.0
	Total	61	98.4	100.0	
Missing	System	1	1.6		
Total		62	100.0		

a. stu\_grade = 5

stu\_grade = 6

**Statistics<sup>a</sup>**

G56Above-Below

N	Valid	56
	Missing	1

a. stu\_grade = 6

**G56Above-Below<sup>a</sup>**

		Frequency	Percent	Valid Percent	Cumulative Percent
Valid	0	4	7.0	7.1	7.1
	1	52	91.2	92.9	100.0
	Total	56	98.2	100.0	
Missing	System	1	1.8		
Total		57	100.0		

a. stu\_grade = 6

stu\_grade = 7

Statistics<sup>a</sup>

G78ProfCat

N	Valid	60
	Missing	0

a. stu\_grade = 7

G78ProfCat<sup>a</sup>

	Frequency	Percent	Valid Percent	Cumulative Percent
Valid 1	10	16.7	16.7	16.7
2	13	21.7	21.7	38.3
3	12	20.0	20.0	58.3
4	25	41.7	41.7	100.0
Total	60	100.0	100.0	

a. stu\_grade = 7

stu\_grade = 8

Statistics<sup>a</sup>

G78ProfCat

N	Valid	48
	Missing	0

a. stu\_grade = 8

G78ProfCat<sup>a</sup>

		Frequency	Percent	Valid Percent	Cumulative Percent
Valid	1	9	18.8	18.8	18.8
	2	8	16.7	16.7	35.4
	3	8	16.7	16.7	52.1
	4	23	47.9	47.9	100.0
Total		48	100.0	100.0	

a. stu\_grade = 8

stu\_grade = 7

Statistics<sup>a</sup>

G78Above-Below

N	Valid	60
	Missing	0

a. stu\_grade = 7

G78Above-Below<sup>a</sup>

	Frequency	Percent	Valid Percent	Cumulative Percent
Valid 0	23	38.3	38.3	38.3
1	37	61.7	61.7	100.0
Total	60	100.0	100.0	

a. stu\_grade = 7

stu\_grade = 8

Statistics<sup>a</sup>

G78Above-Below

N	Valid	48
	Missing	0

a. stu\_grade = 8

G78Above-Below<sup>a</sup>

	Frequency	Percent	Valid Percent	Cumulative Percent
Valid 0	17	35.4	35.4	35.4
1	31	64.6	64.6	100.0
Total	48	100.0	100.0	

a. stu\_grade = 8

stu\_grade = 9

**Statistics<sup>a</sup>**

G910ProfCat

N	Valid	57
	Missing	2

a. stu\_grade = 9

**G910ProfCat<sup>a</sup>**

		Frequency	Percent	Valid Percent	Cumulative Percent
Valid	1	11	18.6	19.3	19.3
	2	18	30.5	31.6	50.9
	3	14	23.7	24.6	75.4
	4	14	23.7	24.6	100.0
	Total	57	96.6	100.0	
Missing	System	2	3.4		
Total		59	100.0		

a. stu\_grade = 9

stu\_grade = 10

**Statistics<sup>a</sup>**

G910ProfCat

N	Valid	82
	Missing	1

a. stu\_grade = 10

**G910ProfCat<sup>a</sup>**

		Frequency	Percent	Valid Percent	Cumulative Percent
Valid	1	15	18.1	18.3	18.3
	2	21	25.3	25.6	43.9
	3	23	27.7	28.0	72.0
	4	23	27.7	28.0	100.0
	Total	82	98.8	100.0	
Missing	System	1	1.2		
Total		83	100.0		

a. stu\_grade = 10

stu\_grade = 9

**Statistics<sup>a</sup>**

G910Above-Below

N	Valid	57
	Missing	2

a. stu\_grade = 9

**G910Above-Below<sup>a</sup>**

		Frequency	Percent	Valid Percent	Cumulative Percent
Valid	0	29	49.2	50.9	50.9
	1	28	47.5	49.1	100.0
	Total	57	96.6	100.0	
Missing	System	2	3.4		
Total		59	100.0		

a. stu\_grade = 9

stu\_grade = 10

**Statistics<sup>a</sup>**

G910Above-Below

N	Valid	82
	Missing	1

a. stu\_grade = 10

**G910Above-Below<sup>a</sup>**

		Frequency	Percent	Valid Percent	Cumulative Percent
Valid	0	36	43.4	43.9	43.9
	1	46	55.4	56.1	100.0
	Total	82	98.8	100.0	
Missing	System	1	1.2		
Total		83	100.0		

a. stu\_grade = 10

**Descriptive Statistics**

	N	Minimum	Maximum	Mean	Std. Deviation
G34TotalWgtd	116	0	100	61.23	39.552
Valid N (listwise)	116				

**Descriptive Statistics**

	N	Minimum	Maximum	Mean	Std. Deviation
G56TotalWgtd	119	0	100	64.30	31.673
Valid N (listwise)	119				

**Descriptive Statistics**

	N	Minimum	Maximum	Mean	Std. Deviation
G78TotalWgtd	108	0	100	58.75	31.574
Valid N (listwise)	108				

**Descriptive Statistics**

	N	Minimum	Maximum	Mean	Std. Deviation
G910TotalWgtd	142	0	100	56.77	30.158
Valid N (listwise)	142				