

2007 Grade 6 Math Item Analysis

Frequency Table

MATH Question 1

	Frequency	Percent	Valid Percent	Cumulative Percent
Valid -	41	.0	.0	.0
	228	.1	.1	.1
1	4935	2.4	2.4	2.5
2	9705	4.7	4.7	7.2
4	16593	8.0	8.0	15.3
C	174714	84.7	84.7	100.0
Total	206216	100.0	100.0	

MATH Question 2

	Frequency	Percent	Valid Percent	Cumulative Percent
Valid -	58	.0	.0	.0
	199	.1	.1	.1
2	9782	4.7	4.7	4.9
3	6422	3.1	3.1	8.0
4	25961	12.6	12.6	20.6
A	163794	79.4	79.4	100.0
Total	206216	100.0	100.0	

MATH Question 3

	Frequency	Percent	Valid Percent	Cumulative Percent
Valid -	85	.0	.0	.0
	67	.0	.0	.1
1	4579	2.2	2.2	2.3
2	3466	1.7	1.7	4.0
3	3223	1.6	1.6	5.5
D	194796	94.5	94.5	100.0
Total	206216	100.0	100.0	

MATH Question 4

	Frequency	Percent	Valid Percent	Cumulative Percent
Valid -	91	.0	.0	.0
	188	.1	.1	.1
2	13243	6.4	6.4	6.6
3	24337	11.8	11.8	18.4
4	42104	20.4	20.4	38.8
A	126253	61.2	61.2	100.0
Total	206216	100.0	100.0	

MATH Question 5

	Frequency	Percent	Valid Percent	Cumulative Percent
Valid -	42	.0	.0	.0
	153	.1	.1	.1
1	10433	5.1	5.1	5.2
3	6604	3.2	3.2	8.4
4	8103	3.9	3.9	12.3
B	180881	87.7	87.7	100.0
Total	206216	100.0	100.0	

MATH Question 6

	Frequency	Percent	Valid Percent	Cumulative Percent
Valid -	73	.0	.0	.0
	139	.1	.1	.1
1	17264	8.4	8.4	8.5
3	9018	4.4	4.4	12.8
4	10934	5.3	5.3	18.1
B	168788	81.9	81.9	100.0
Total	206216	100.0	100.0	

MATH Question 7

	Frequency	Percent	Valid Percent	Cumulative Percent
Valid -	79	.0	.0	.0
	230	.1	.1	.1
1	12330	6.0	6.0	6.1
2	15932	7.7	7.7	13.9
4	45019	21.8	21.8	35.7
C	132626	64.3	64.3	100.0
Total	206216	100.0	100.0	

MATH Question 8

	Frequency	Percent	Valid Percent	Cumulative Percent
Valid -	70	.0	.0	.0
	243	.1	.1	.2
1	48324	23.4	23.4	23.6
2	20040	9.7	9.7	33.3
4	54761	26.6	26.6	59.9
C	82778	40.1	40.1	100.0
Total	206216	100.0	100.0	

MATH Question 9

	Frequency	Percent	Valid Percent	Cumulative Percent
Valid -	38	.0	.0	.0
	315	.2	.2	.2
1	13598	6.6	6.6	6.8
3	17590	8.5	8.5	15.3
4	33809	16.4	16.4	31.7
B	140866	68.3	68.3	100.0
Total	206216	100.0	100.0	

MATH Question 10

	Frequency	Percent	Valid Percent	Cumulative Percent
Valid -	71	.0	.0	.0
	107	.1	.1	.1
1	66792	32.4	32.4	32.5
3	19480	9.4	9.4	41.9
4	15563	7.5	7.5	49.5
B	104203	50.5	50.5	100.0
Total	206216	100.0	100.0	

MATH Question 11

	Frequency	Percent	Valid Percent	Cumulative Percent
Valid -	41	.0	.0	.0
	270	.1	.1	.2
1	13487	6.5	6.5	6.7
2	41752	20.2	20.2	26.9
3	43935	21.3	21.3	48.2
D	106731	51.8	51.8	100.0
Total	206216	100.0	100.0	

MATH Question 12

	Frequency	Percent	Valid Percent	Cumulative Percent
Valid -	60	.0	.0	.0
	210	.1	.1	.1
1	30778	14.9	14.9	15.1
3	16631	8.1	8.1	23.1
4	7615	3.7	3.7	26.8
B	150922	73.2	73.2	100.0
Total	206216	100.0	100.0	

MATH Question 13

	Frequency	Percent	Valid Percent	Cumulative Percent
Valid -	65	.0	.0	.0
	109	.1	.1	.1
2	3853	1.9	1.9	2.0
3	6997	3.4	3.4	5.3
4	31210	15.1	15.1	20.5
A	163982	79.5	79.5	100.0
Total	206216	100.0	100.0	

MATH Question 14

	Frequency	Percent	Valid Percent	Cumulative Percent
Valid -	71	.0	.0	.0
	363	.2	.2	.2
2	31608	15.3	15.3	15.5
3	28403	13.8	13.8	29.3
4	19046	9.2	9.2	38.5
A	126725	61.5	61.5	100.0
Total	206216	100.0	100.0	

MATH Question 15

	Frequency	Percent	Valid Percent	Cumulative Percent
Valid -	89	.0	.0	.0
	198	.1	.1	.1
1	9196	4.5	4.5	4.6
2	20202	9.8	9.8	14.4
4	50412	24.4	24.4	38.8
C	126119	61.2	61.2	100.0
Total	206216	100.0	100.0	

MATH Question 16

	Frequency	Percent	Valid Percent	Cumulative Percent
Valid -	87	.0	.0	.0
	216	.1	.1	.1
1	20099	9.7	9.7	9.9
2	36707	17.8	17.8	27.7
3	4803	2.3	2.3	30.0
D	144304	70.0	70.0	100.0
Total	206216	100.0	100.0	

MATH Question 17

	Frequency	Percent	Valid Percent	Cumulative Percent
Valid -	77	.0	.0	.0
	176	.1	.1	.1
1	10988	5.3	5.3	5.5
3	24516	11.9	11.9	17.3
4	12143	5.9	5.9	23.2
B	158316	76.8	76.8	100.0
Total	206216	100.0	100.0	

MATH Question 18

	Frequency	Percent	Valid Percent	Cumulative Percent
Valid -	76	.0	.0	.0
	185	.1	.1	.1
1	7426	3.6	3.6	3.7
2	5972	2.9	2.9	6.6
4	73370	35.6	35.6	42.2
C	119187	57.8	57.8	100.0
Total	206216	100.0	100.0	

MATH Question 19

	Frequency	Percent	Valid Percent	Cumulative Percent
Valid -	59	.0	.0	.0
	356	.2	.2	.2
2	42063	20.4	20.4	20.6
3	34147	16.6	16.6	37.2
4	7184	3.5	3.5	40.6
A	122407	59.4	59.4	100.0
Total	206216	100.0	100.0	

MATH Question 20

	Frequency	Percent	Valid Percent	Cumulative Percent
Valid -	52	.0	.0	.0
	272	.1	.1	.2
2	14729	7.1	7.1	7.3
3	101721	49.3	49.3	56.6
4	7725	3.7	3.7	60.4
A	81717	39.6	39.6	100.0
Total	206216	100.0	100.0	

MATH Question 21

	Frequency	Percent	Valid Percent	Cumulative Percent
Valid -	94	.0	.0	.0
	257	.1	.1	.2
1	14758	7.2	7.2	7.3
3	30663	14.9	14.9	22.2
4	13823	6.7	6.7	28.9
B	146621	71.1	71.1	100.0
Total	206216	100.0	100.0	

MATH Question 22

	Frequency	Percent	Valid Percent	Cumulative Percent
Valid -	160	.1	.1	.1
	399	.2	.2	.3
1	8815	4.3	4.3	4.5
2	30895	15.0	15.0	19.5
3	15311	7.4	7.4	27.0
D	150636	73.0	73.0	100.0
Total	206216	100.0	100.0	

MATH Question 23

	Frequency	Percent	Valid Percent	Cumulative Percent
Valid -	58	.0	.0	.0
	499	.2	.2	.3
2	26121	12.7	12.7	12.9
3	20971	10.2	10.2	23.1
4	19324	9.4	9.4	32.5
A	139243	67.5	67.5	100.0
Total	206216	100.0	100.0	

MATH Question 24

	Frequency	Percent	Valid Percent	Cumulative Percent
Valid -	54	.0	.0	.0
	695	.3	.3	.4
2	25074	12.2	12.2	12.5
3	24198	11.7	11.7	24.3
4	13554	6.6	6.6	30.8
A	142641	69.2	69.2	100.0
Total	206216	100.0	100.0	

MATH Question 25

	Frequency	Percent	Valid Percent	Cumulative Percent
Valid -	69	.0	.0	.0
	851	.4	.4	.4
1	36538	17.7	17.7	18.2
2	11072	5.4	5.4	23.5
4	6850	3.3	3.3	26.9
C	150836	73.1	73.1	100.0
Total	206216	100.0	100.0	

2007 Grade 6 Math Item Analysis- CR**Descriptive Statistics**

	N	Minimum	Maximum	Mean	Std. Deviation
MATH Question 26	205843	0	2	1.59	.716
MATH Question 27	205922	0	3	2.51	1.002
MATH Question 28	205900	0	3	1.91	1.248
MATH Question 29	205781	0	2	1.64	.725
MATH Question 30	205636	0	2	1.22	.831
MATH Question 31	204442	0	3	1.01	1.164
MATH Question 32	205680	0	2	1.40	.797
MATH Question 33	205822	0	2	1.48	.744
MATH Question 34	205484	0	2	.84	.937
MATH Question 35	205534	0	3	1.78	1.052
Valid N (listwise)	202853				