

## NYS Mathematics: Raw to Scale Score Conversion Ranges

Red Bolded numbers indicate a change from the previous year.

		2006		2007		2008		2009		2010	
		Raw Score	Scale Score	Raw Score	Scale Score	Raw Score	Scale Score	Raw Score	Scale Score	Raw Score	Scale Score
Grade 3	Level 4	36-39	703-770	36-39	703-770	37-39	703-770	38-39	703-770	38-39	<b>707-770</b>
	Level 3	25-35	650-702	24-35	650-702	23-36	650-702	21-37	650-702	34-37	<b>684-706</b>
	Level 2	17-24	624-649	16-23	624-649	13-22	624-649	11-20	624-649	24-33	<b>661-683</b>
	Level 1	0-16	470-623	0-15	470-623	0-12	470-623	0-10	470-623	0-23	470- <b>660</b>
Grade 4	Level 4	62-70	702-800	63-70	702-800	63-70	702-800	62-70	702-800	64-70	<b>707-800</b>
	Level 3	40-61	650-701	39-62	650-701	38-62	650-701	37-61	650-701	51-63	<b>676-706</b>
	Level 2	25-39	622-649	23-38	622-649	23-37	622-649	22-36	622-649	25-50	<b>636-675</b>
	Level 1	0-24	485-621	0-22	485-621	0-22	485-621	0-21	485-621	0-24	485- <b>635</b>
Grade 5	Level 4	41-46	699-780	41-46	699-780	41-46	699-780	40-46	699-780	42-46	<b>702-780</b>
	Level 3	27-40	650-698	26-40	650-698	24-40	650-698	23-39	650-698	33-41	<b>674-701</b>
	Level 2	17-26	619-649	15-25	619-649	15-23	619-649	13-22	619-649	18-32	<b>640-673</b>
	Level 1	0-16	495-618	0-14	495-618	0-14	495-618	0-12	495-618	0-17	495- <b>639</b>
Grade 6	Level 4	44-49	696-780	43-49	696-780	43-49	696-780	43-49	696-780	43-49	<b>699-780</b>
	Level 3	28-43	650-695	27-42	650-695	25-42	650-695	24-42	650-695	35-42	<b>674-698</b>
	Level 2	16-27	616-649	16-26	616-649	13-24	616-649	13-23	616-649	20-34	<b>640-673</b>
	Level 1	0-15	500-615	0-15	500-615	0-12	500-615	0-12	500-615	0-19	500- <b>639</b>
Grade 7	Level 4	41-47	693-800	43-50	693-800	43-50	693-800	43-50	693-800	40-50	<b>694-800</b>
	Level 3	28-40	650-692	28-42	650-692	26-42	650-692	22-42	650-692	31-39	<b>670-693</b>
	Level 2	17-27	611-649	16-27	611-649	14-25	611-649	11-21	611-649	18-30	<b>639-669</b>
	Level 1	0-16	500-610	0-15	500-610	0-13	500-610	0-10	500-610	0-17	500- <b>638</b>
Grade 8	Level 4	63-68	701-775	64-69	701-775	63-69	701-775	64-69	701-775	64-69	<b>702-775</b>
	Level 3	38-62	650-700	38-63	650-700	38-62	650-700	35-63	650-700	50-63	<b>673-701</b>
	Level 2	19-37	616-649	19-37	616-649	18-37	616-649	15-34	616-649	23-49	<b>639-672</b>
	Level 1	0-18	480-615	0-18	480-615	0-17	480-615	0-14	480-615	0-22	480- <b>638</b>

Note: Raw scores should not be directly compared from year to year due to differences in item and test difficulties.

Data source: New York State Education Department 2006-2010 Grades 3-8 Mathematics Raw Score to Scale Score Conversion Charts