NATIONAL COUNCIL OF EDUCATIONAL RESEARCH AND TRAINING
NATIONAL ACHIEVEMENT SURVEY - NAS
(Survey of Learning Outcomes)

District Report Card: 2017	
State: Uttar Pradesh	**District:** Etah
Class: 8	**Subject:** Mathematics
Schools: 44	**Students:** 782

Participation/Coverage

Students

GENDER	Boys		Girls	
	Number	%	Number	%
	381	48.72	401	51.28

AREA	Rural		Urban	
	Number	%	Number	%
	782	100.00	0	0.00

CATEGORY	SC		ST		OBC		GEN	
	Number	%	Number	%	Number	%	Number	%
	402	51.41	74	9.46	238	30.43	68	8.70

CWSN	LD	VI	HI	S&LD	ID	Oth
	1	0	4	2	0	8

Management	Government		Government-aided	
	Number	%	Number	%
	595	76.09	187	23.91

Average Performance of Students in Mathematics (%)										
Overall	Gender		Area		Management		Social Group			
	Male	Female	Rural	Urban	Govt.	Aided	SC	ST	OBC	GEN
27.02	28.38	25.74	27.02	0.00	27.72	24.81	26.72	25.23	26.50	32.65

Performance on Learning Outcomes (LOs)

Learning Outcomes	Description	Average Performance(%)
M601	Solves problems involving large numbers by applying appropriate operations	29.80
M606	Solves problems on daily life situations involving addition and subtraction of fractions / decimals	69.18
M620	Finds out the perimeter and area of rectangular objects in the surroundings like floor of the class room, surfaces of a chalk box etc.	21.42
M621	Arranges given/collected information in the form of table, pictograph and bar graph and interprets them	15.09
M702	Interprets the division and multiplication of fractions	30.18
M705	Solves problems related to daily life situations involving rational numbers	21.10
M707	Adds/subtracts algebraic expressions	39.90
M717	Finds out approximate area of closed shapes by using unit square grid/graph sheet	18.41
M719	Finds various representative values for simple data from her/his daily life contexts like mean, median and mode	20.46
M803	Proves divisibility rules of 2, 3,4, 5, 6, 9 and 11	36.83
M812	Verifies properties of parallelogram and establishes the relationship between them through reasoning	21.10
M819	Draws and interprets bar charts and pie charts	18.93

Range of Performance of Students who Answered Correctly							
Below 30%		30% - 50%		50% - 75%		Above 75%	
Number	%	Number	%	Number	%	Number	%
491	62.79	253	32.35	38	4.86	0	0.00

Lowest Performing Learning Outcomes (LOs)

1 - Arranges given/collected information in the form of table, pictograph and bar graph and interprets them (15.09)

2 - Finds out approximate area of closed shapes by using unit square grid/graph sheet (18.41)

3 - Draws and interprets bar charts and pie charts (18.93)

4 - Finds various representative values for simple data from her/his daily life contexts like mean, median and mode (20.46)

5 - Solves problems related to daily life situations involving rational numbers (21.10)

CSWN: **LD-** Locomotor Disability; **VI-** Visual Impairment; **HI-** Hearing Impairment;
S&LD- Speech and Language Disability; **ID-** Intellectual Disability; **Oth-** Other Disability.

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