Delhi Public School Model Town

32, Vamra Chauraha, Mohan Sarai Road, NOIDA, **110096**

Performance Report

LOA 1 POLYNOMIALS

Teacher **Rahul Mehra**

Class **9-B**

Subject **Mathematics**

Fingertips

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Introduction

Introduction

LOA 1 POLYNOMIALS

Test start date - 03 Aug 2022 15:40PM

TEST FROM

● Class 9 ● Mathematics ● Polynomials

RM

TEACHER

Rahul Mehra

CLASS

9-B

TOTAL STUDENTS IN CLASS

33

TEST WAS AVAILABLE FOR

20 minutes

TOTAL QUESTIONS

10

TIME ALLOTTED FOR TEST

20 Minutes

MAXIMUM POINTS

489

QUESTION TYPE

Testing

TEST TYPE

Time Bound

Introduction

○ About the test

○ **Topics included in test**

The included topics in test had following mix of questions as per degree of difficulty

LEVELS	● Easy	▲ Medium	■ Hard	⬠ Competitive	ⓘ

CHAPTER NUMBER	CHAPTER NAME	TOPICS INCLUDED	NUMBER OF QUESTIONS					MAX POINTS
			●	▲	■	⬠	TOTAL	
01	Polynomials	Overview	1	0	3	1	5	325
		Polynomials In One Variable	0	1	0	0	1	49
		Remainder Theorem	2	2	0	0	4	115

📅 Previous Test

RAHUL MEHRA had PREVIOUSLY TESTED 9-B CLASS on CHAPTER NUMBER SYSTEMS on 20 MAY 2022.

Executive Summary

Students participation summary

7　　　　　　**26**

● **NOT STARTED**
Total number of students who did not attempt the test

● **INCOMPLETE**
Started the test but did not complete

● **SUBMITTED**
Completed the test

Top performers ⭐

TANISH**A**　　　489

SAMAR　　　489

Cut off points
440

AVERAGE PERCENTAGE
63.8%

NUMBER OF STUDENTS SCORING BELOW 40%
4

Class Performance

Avg. Class %
63.8
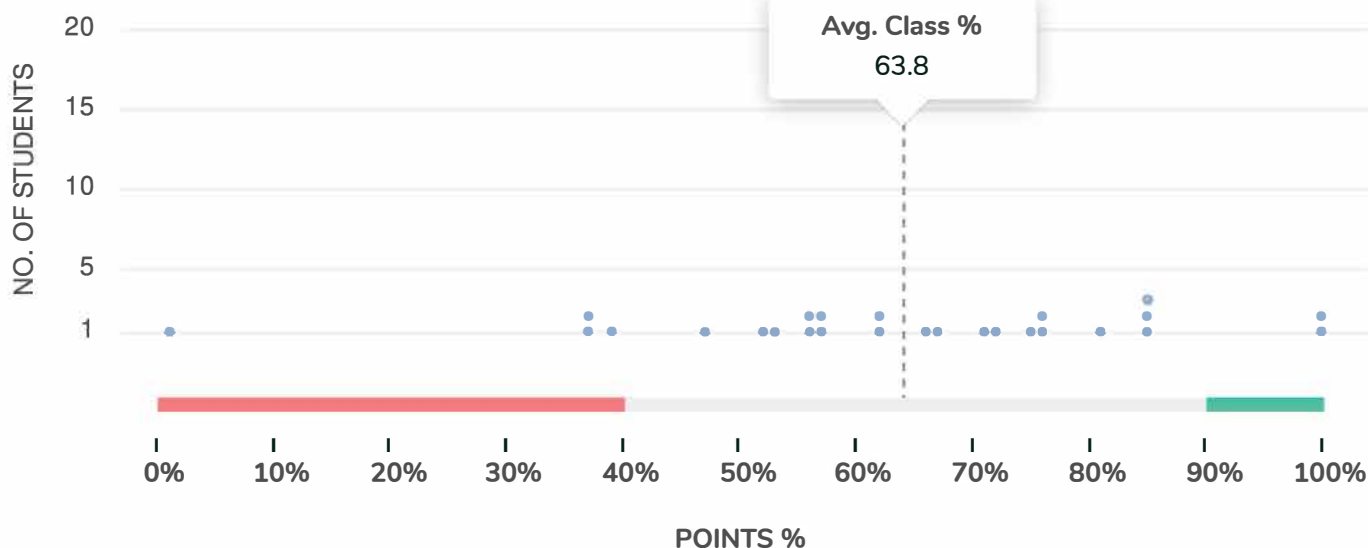
LESS THAN 40%　　MORE THAN 90%　　STUDENT

📊 Performance Report 📈

Class performance improved by **3.5%** compared to the last test, **COORDINATE GEOMETRY AND NUMBER SYSTEM** conducted on 20 May 2022

Test - Questions and Answers

○ Questions with maximum wrong answers

LEVELS   ● Easy   ▲ Medium   ■ Hard   ⬟ Competitive   MAX POINTS ↑   TOPIC ▢   ⓘ

UNIVERSAL CORRECT RATE ⤵   is calculated on basis of all the responses received till date for the question.

Q. 07/10   ▢ Overview   ■   ↑ 71   ⤵ 42.3%

Value of the reminder when $4x^3 - 3y^2 - 5y + 1$ is divided by $2y + 3$ is ?

A	47/4	6 ✗	B	-47/4 11 ✓
C	zero	1 ✗	D	51/6 2 ✗

Q. 03/10   ▢ Overview   ■   ↑ 71   ⤵ 46.2%

If $(a/b) + (b/a) = -1$ then $a^3 - b^3$ is equal to

A	1	2 ✗	B	0 12 ✓
C	3	1 ✗	D	-1 7 ✗

Q. 04/10   ▢ Remainder Theorem   ▲   ↑ 45   ⤵ 65.4%

The value of m, in order that $x^2 - mx - 2$ is the quotient when $x^3 + 3x^2 - 4$ is divided by $x + 2$, is

A	-1	17 ✓	B	1 2 ✗
C	0	3 ✗	D	-2 1 ✗

Historic test record

TEACHER   Rahul Mehra

TEST FROM   Class 9

CLASS   9-B

STUDENTS IN CLASS   33

| S.NO.	DATE	NAME OF TEST	CLASS	SUBJECT	CHAPTERS
01	13 May 2022	Number system	9-B	Mathematics	Number Systems
02	06 May 2022	Number system	9-B	Mathematics	Number Systems
03	07 May 2022	Number system	9-B	Mathematics	Number Systems
04	14 May 2022	Coordinate Geometry 1	9-B	Mathematics	Coordinate Geometry
05	20 May 2022	Coordinate geometry an...	9-B	Mathematics	Number Systems, Coordinate Geometry

Class Performance Evaluations

○ **Question Wise Performance**

○ Topics Wise Performance

The performance of the group of students, in every question of the test is shown in graph below. The height of the bar indicates the maximum points for that question and depicts the degree of difficulty of the questions. The shaded portion indicates the proportion of the class that got the answer right.

Note: Same questions are attempted by every student, though the order in which they appear is randomized for every individual student.

LEVELS ● Easy ▲ Medium ■ Hard ⬠ Competitive

AVERAGE CLASS POINTS   MAX. POINTS
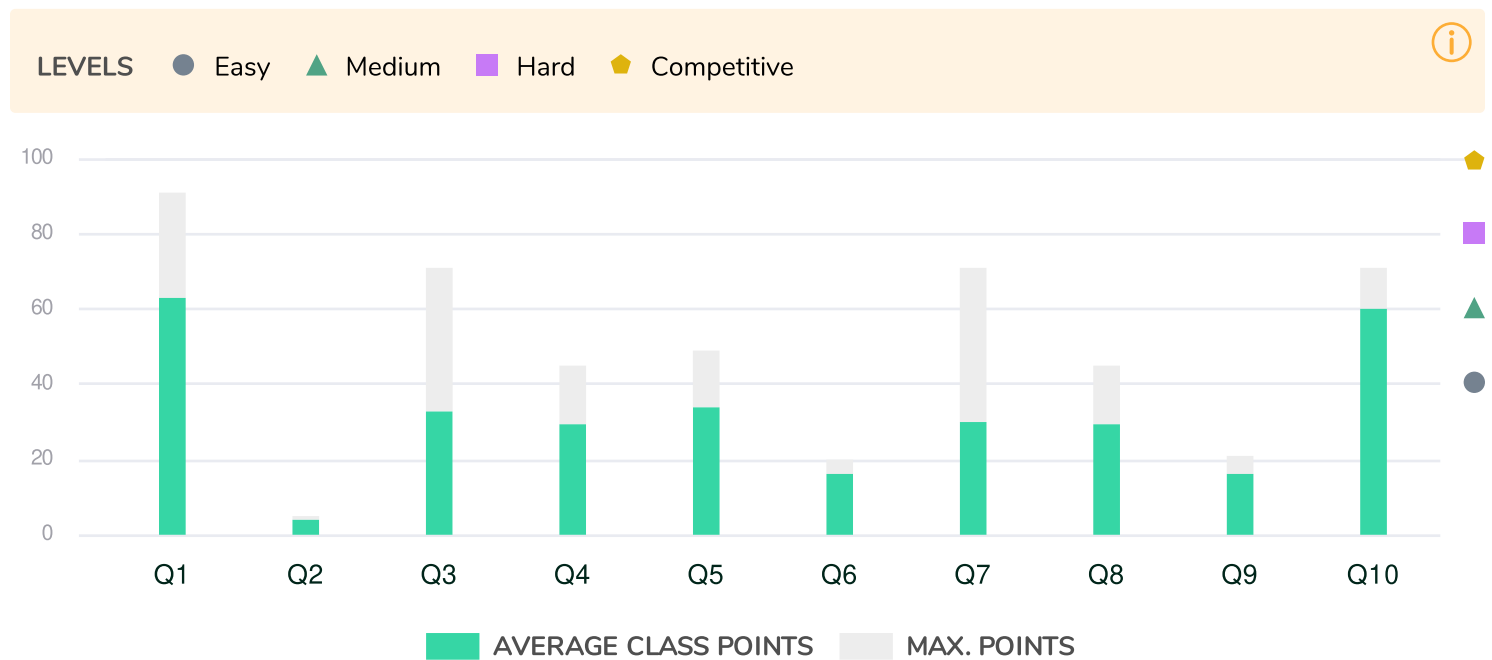
This table shows the details of class performance in every question.

QUESTION NOS.	1	2	3	4	5	6	7	8	9	10
LEVEL	⬠	●	■	▲	▲	●	■	▲	●	■
POINTS	91	5	71	45	49	20	71	45	21	71
Average class points	63	4	32.8	29.4	33.9	16.2	30	29.4	16.2	60.1
Student answered correctly	18	21	12	17	18	21	11	17	20	22
Student answered wrong	8	5	14	9	8	5	15	9	6	4

Details of all questions and answers can be seen in annexure to the report.

Class Performance Evaluations

○ Question Wise Performance

○ **Topics Wise Performance**

The following topics were tested in this test and the performance of the class in every topic is tabulated below.

TOPICS	QUESTIONS	STUDENT COUNT	MAX POINTS	AVG. CLASS POINTS
Overview - Polynomials	5	26	325	202
Polynomials In One Variable	1	26	49	33.9
Remainder Theorem	4	26	115	79

The class performance can be visualized in the following topic performance net. The light green shaded portion shows the maximum points percentage in every topic included in this test.
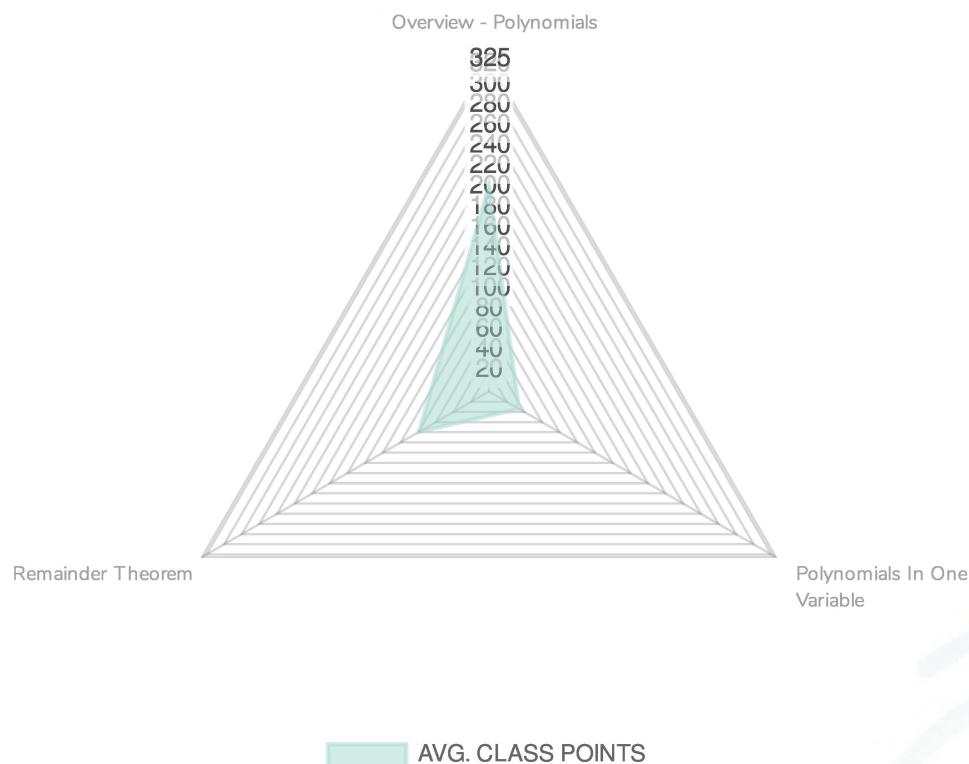
Overview - Polynomials

325
300
280
260
240
220
200
180
160
140
120
100
80
60
40
20

Remainder Theorem

Polynomials In One Variable

AVG. CLASS POINTS

Student Performance

○ **Individual Student Question Wise Performance** **01** 02

○ Individual Student Topic Wise Performance

The individual performance of students in every question is tabulated below in order of performance.

QUESTION NOS.	1	2	3	4	5	6	7	8	9	10
TANISHA ⭐	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓
SAMAR ⭐	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓
ANANT	✓	✓	✗	✓	✓	✓	✓	✓	✓	✓
ADITYA	✓	✓	✓	✓	✓	✓	✗	✓	✓	✓
APRAM	✓	✓	✗	✓	✓	✓	✓	✓	✓	✓
AAGAM	✗	✓	✓	✓	✓	✓	✓	✓	✓	✓
BHAKTI	✓	✓	✓	✓	✓	✓	✗	✗	✓	✓
ANSH	✓	✗	✓	✗	✓	✓	✓	✗	✗	✓
SHIVALI	✓	✓	✓	✓	✗	✓	✗	✓	✓	✓
AGRIM	✗	✓	✓	✓	✓	✓	✓	✗	✓	✓
SANJEEV	✗	✓	✓	✓	✗	✓	✓	✓	✓	✓
ARYA	✗	✓	✗	✓	✓	✓	✓	✓	✓	✓
SHIVANGI	✓	✓	✗	✗	✗	✓	✓	✓	✓	✓
PIYUSH	✓	✓	✗	✓	✗	✗	✓	✗	✓	✓
JAANVI	✓	✓	✗	✗	✓	✓	✗	✓	✓	✓
MANAVI	✓	✓	✓	✓	✓	✓	✗	✗	✗	✗

Student Performance

○ **Individual Student Question Wise Performance** 01 **02**

○ Individual Student Topic Wise Performance

The individual performance of students in every question is tabulated below in order of performance.

QUESTION NOS.	1	2	3	4	5	6	7	8	9	10
RUDRA	✔	✔	✘	✘	✔	✔	✘	✔	✘	✔
SUDHANSHU	✔	✘	✘	✔	✔	✔	✘	✘	✘	✔
ADITYA	✔	✔	✘	✔	✔	✔	✘	✔	✔	✘
KANISHKA	✘	✔	✔	✔	✘	✘	✘	✔	✔	✔
Shreya	✘	✔	✘	✔	✔	✔	✘	✔	✔	✔
ADI	✔	✘	✘	✘	✘	✘	✘	✔	✔	✔
MAANYAVAR —	✘	✔	✘	✘	✔	✔	✘	✔	✘	✔
SAMAR —	✔	✘	✔	✘	✘	✘	✘	✘	✔	✔
TARSHIK —	✔	✘	✘	✘	✔	✔	✘	✘	✔	✘
RAVI —	✘	✔	✘	✘	✘	✘	✘	✘	✘	✘

Student Performance

○ Individual Student Question Wise Performance 01 02

○ **Individual Student Topic Wise Performance 01** 02 03

TOPIC INDEX ⓘ

POLYNOMIALS

I.   Overview
II.   Polynomials In One Variable
III. Remainder Theorem

TOPICS		I	II	III
NO. OF QUESTIONS		**5**	**1**	**4**
MAX POINTS		**325**	**49**	**115**
TANISHA	⭐	325	49	115
SAMAR	⭐	325	49	115
ANANT		254	49	115
ADITYA		254	49	115
APRAM		254	49	115
AAGAM		234	49	115
BHAKTI		254	49	70
ANSH		304	49	20
AANYA		254	0	115
AGRIM		234	49	70

Student Performance

○ Individual Student Question Wise Performance 01 02

○ **Individual Student Topic Wise Performance** 01 **02** 03

TOPIC INDEX ⓘ

POLYNOMIALS

I. Overview
II. Polynomials In One Variable
III. Remainder Theorem

TOPICS	I	II	III
NO. OF QUESTIONS	5	1	4
MAX POINTS	325	49	115
SANJEEV	234	0	115
ARYAN	163	49	115
SHIVANI	254	0	70
PIYUSH	254	0	50
SAANVI	183	49	70
JANAVI	162	49	70
RUDRA	162	49	70
SUDHANSHU	162	49	65
ADITYA	112	49	115
KANISHK	163	0	95

Student Performance

○ Individual Student Question Wise Performance 01 02

○ **Individual Student Topic Wise Performance** 01 02 **03**

TOPICS		I	II	III
NO. OF QUESTIONS		**5**	**1**	**4**
MAX POINTS		**325**	**49**	**115**
Shreya		92	49	115
SAMRIDDH	—	254	0	0
ADITAYA		183	0	45
MAANYAVAR	—	71	49	70
TARSHIT	—	112	49	20
RAVI	—	0	0	5

Absentees

○ **Students didn't attempt the test**

ADVAY 728
advay728@dpsnoida.com

GAURI 499
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UTKARSH 339
utkarsh339@dpsnoida.com

JAI 459
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SAMRIDDHI 461
samriddhi461@dpsnoida.com

KUNAL 501
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ABHINAY 235
abhinay235@dpsnoida.com

○ **Students started but didn't submit the test**