

7/April/2025

Topic/SubTopic	E	A	N	G	A	G	E
Class - 8	Linear Equation	General form of pair of linear equation	Coordinate Geometry	Coordinate Geometry	Coordinate Geometry	Coordinate Geometry	Coordinate Geometry
Pair of Linear Equations in two variables	$x + y + 2 = 0$ $x + y + 2 = 0$ $3x + 2y + 5 = 0$	$a_1x + b_1y + c_1 = 0$ $a_2x + b_2y + c_2 = 0$ $a_1 = 1, b_1 = 1, c_1 = 2$ $a_2 = 3, b_2 = 2, c_2 = 5$		$a_1 \neq \frac{b_1}{b_2} \Rightarrow$ Intersecting lines $\Rightarrow$ Unique sol. $a_1 = \frac{b_1}{b_2} = \frac{c_1}{c_2}$ $\Rightarrow$ Coincident lines $\Rightarrow$ Infinite many sol.	$a_1 = \frac{b_1}{b_2} \neq \frac{c_1}{c_2}$ $\Rightarrow$ Parallel lines $\Rightarrow$ No. solution.	How to solve pair of eq. (i) Algebraically (ii) Substitution Method (iii) Elimination Method MCQs Extra questions.	
Class - 8	Coordinate Geometry	What is the name of the point where these two lines i.e. horizontal and vertical lines meet $\rightarrow$ Origin Name each part of the plane formed $\rightarrow$ Quadrant		$A = (1, 2)$ $B = (-2, 1)$ $C = (-3, -1)$ $D = (3, -1)$	Recapitulation $\Rightarrow$ In real life This is apply in Xerox Machine, Camera etc. Students will be able to solve all Exercise Questions.	MCQs Extra questions	
Class - VIII	Understanding Quadrilaterals	Angle sum property 	Find x 	$x + 90 + 50 + 110 = 360$ $x + 250 = 360$ $x = 110$	No. of sides of regular polygon whose each exterior angle has a measure of 45° $\Rightarrow \frac{360}{45} = 8$ sides	Exercise 3.2 to 3.4 MCQs Extra questions.	
Class - VIII	Data Handling	Data $\rightarrow$ Collection of information Mean = $\frac{\text{Sum of no. of observation}}{\text{Total no. of observation}}$ Range $\Rightarrow$ Highest - lowest	Find the mean enrollment of the school 1555, 1670, 1750, 2013, 2540, 2820 $= \frac{1555 + 1670 + 1750 + 2013 + 2540 + 2820}{6}$ $= \frac{12348}{6} = 2058$	The height of 10 girls of VII class $\rightarrow$ 135, 150, 139, 128, 157, 132, 146, 149, 143, 141	Each other Tallest girl = 157cm Shortest girl = 128cm Range = 157 - 128 = 29cm	Class Test MCQs of all three chapters 1 to 3. Logic Reasoning Chapter 3	
Class - VI	Line and Angles		Which is greater $\angle AOB$ or $\angle XOY$ $\angle AOB$ is greater $\angle AOB$ or $\angle XOY$ $\angle AOB$ is greater	$\angle XOY$ or $\angle XOZ$ $\angle XOY = \angle XOZ$ Equal angles		Students will be able to compare which angle is greater which is smaller	