

CLASS : IX

MATHEMATICS

CHAPTER	NCERT TEXT BOOK LINK	YOUTUBE REFERENCE VIDEO LINK	PRESENTATION
Number systems	http://ncert.nic.in/textbook/textbook.htm?iemh1=0-15	<ul style="list-style-type: none">• https://www.examfear.com/free-video-lesson/Class-9/Maths/Number-Systems/part-1.htm• https://www.examfear.com/free-video-lesson/Class-9/Maths/Number-Systems/part-2/Number Systems Part 2 (Rational and irrational numbers).htm• https://www.examfear.com/free-video-lesson/Class-9/Maths/Number-Systems/part-3/Number Systems Part 3 (Real Numbers).htm• https://www.examfear.com/free-video-lesson/Class-9/Maths/Number-Systems/part-4/Number Systems Part 4 (Locate real number on number line).htm• https://www.examfear.com/free-video-lesson/Class-9/Maths/Number-Systems/part-5/Number Systems Part 5 (Decimal expressions of real number).htm	<ul style="list-style-type: none">• Introduction• Number system• Real numbers• Number line• Decimal expressions of real numbers• Decimal expressions of pie• Operations on real numbers• Location of irrational and decimal number on the number line.

		<ul style="list-style-type: none">• https://www.examfear.com/free-video-lesson/Class-9/Maths/Number-Systems/part-6/Number Systems Part 6 (Decimal expressions: Numerical).htm• https://www.examfear.com/free-video-lesson/Class-9/Maths/Number-Systems/part-7/Number Systems Part 7 (Decimal expressions pie).htm• https://www.examfear.com/free-video-lesson/Class-9/Maths/Number-Systems/part-8/Number Systems Part 8 (Decimal expressions: Numerical).htm• www.examfear.com/free-video-lesson/Class-9/Maths/Number-Systems/part-9/Number Systems Part 9 (Real number on number line: Numerical).htm• https://www.examfear.com/free-video-lesson/Class-9/Maths/Number-Systems/part-10/Number Systems Part 10 (Operations on real number).htm• https://www.examfear.com/free-video-lesson/Class-9/Maths/Number-Systems/part-11/Number Systems Part 11 (Locate Root x on number line).htm	
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polynomials		<ul style="list-style-type: none"> • https://www.examfear.com/free-video-lesson/Class-9/Maths/Polynomials/part-1/Polynomials Part 1 (Introduction).htm • https://www.examfear.com/free-video-lesson/Class-9/Maths/Polynomials/part-2/Polynomials Part 2 (one Two variable Polynomials).htm • https://www.examfear.com/free-video-lesson/Class-9/Maths/Polynomials/part-3/Polynomials Part 3 (Terms and Coefficient).htm • https://www.examfear.com/free-video-lesson/Class-9/Maths/Polynomials/part-4/Polynomials Part 4 (Factorization of Polynomials).htm 	<ul style="list-style-type: none"> • Introduction • Polynomials <ul style="list-style-type: none"> • Terms and coefficients • Algebraic expressions <ul style="list-style-type: none"> • Number of terms and degree • Degree of polynomial • Zeroes of polynomial • Remainder theorem • Factor theorem • Factorization of polynomials • Algebraic identities

		<p>4/Polynomials Part 4 (Algebraic Expressions).htm</p> <ul style="list-style-type: none">• https://www.examfear.com/free-video-lesson/Class-9/Maths/Polynomials/part-5/Polynomials Part 5 (Number of terms and degree).htm• https://www.examfear.com/free-video-lesson/Class-9/Maths/Polynomials/part-6/Polynomials Part 6 (Degree of Zero polynomial).htm• https://www.examfear.com/free-video-lesson/Class-9/Maths/Polynomials/part-7/Polynomials Part 7 (Zeroes of polynomial).htm• https://www.examfear.com/free-video-lesson/Class-9/Maths/Polynomials/part-8/Polynomials Part 8 (Zeroes of linear polynomial).htm• https://www.examfear.com/free-video-lesson/Class-9/Maths/Polynomials/part-9/Polynomials Part 9 (Remainder theorem).htm• https://www.examfear.com/free-video-lesson/Class-9/Maths/Polynomials/part-10/Polynomials Part 10 (Remainder theorem proof).htm• https://www.examfear.com/free-video-lesson/Class-9/Maths/Polynomials/part-11/Polynomials Part 11 (Factorization of polynomial).htm• https://www.examfear.com/free-video-lesson/Class-9/Maths/Polynomials/part-	
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		<p>12/Polynomials Part 12 (Factorization using factor theorem).htm</p> <ul style="list-style-type: none"> • https://www.examfear.com/free-video-lesson/Class-9/Maths/Polynomials/part-13/Polynomials Part 13 (Factorization numerical).htm • https://www.examfear.com/free-video-lesson/Class-9/Maths/Polynomials/part-14/Polynomials Part 14 (Algebraic identities :Trinomial).htm • https://www.examfear.com/free-video-lesson/Class-9/Maths/Polynomials/part-15/Polynomials Part 15 (Algebraic identities :3 degree polynomial).htm • https://www.examfear.com/free-video-lesson/Class-9/Maths/Polynomials/part-16/Polynomials Part 16 (Algebraic identities :numerical).htm 	
Co ordinate geometry		<ul style="list-style-type: none"> • https://www.examfear.com/free-video-lesson/Class-9/Maths/Coordinate-Geometry/part-1/Coordinate Geometry Part 1 (Introduction).htm • https://www.examfear.com/free-video-lesson/Class-9/Maths/Coordinate-Geometry/part-2/Coordinate Geometry Part 2 (History).htm • https://www.examfear.com/free-video-lesson/Class-9/Maths/Coordinate-Geometry/part-3/Coordinate Geometry Part 3 (X Y axis Quadrants).htm • https://www.examfear.com/free-video-lesson/Class-9/Maths/Coordinate- 	<ul style="list-style-type: none"> • Introduction • Co ordinate geometry • Xy plane • Abscissa and ordinate • Plotting of co ordinates in the xy plane.

		<p>Geometry/part-4/Coordinate Geometry Part 4 (Abscissa and Ordinates).htm</p> <ul style="list-style-type: none">• https://www.examfear.com/free-video-lesson/Class-9/Maths/Coordinate-Geometry/part-5/Coordinate Geometry Part 5 (Find coordinates for plotted points).htm• https://www.examfear.com/free-video-lesson/Class-9/Maths/Coordinate-Geometry/part-6/Coordinate Geometry Part 6 (Plot points for given coordinates).htm	
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