

## Class-IX

				<b>45</b>
A.1	Classify numbers		<b>B E</b>	Convert between decimals and fractions
A.2 A.3	Compare and order rational numbers  Number lines		A.6	Square roots  Cube roots
B.1	Add, subtract, multiply and divide integ		A T I (	ONS  Multiply and divide rational numbers
B.2	Evaluate numerical expressions involving integers		В.6	Evaluate numerical expressions involving rational numbers
B.3	Evaluate variable expressions involving integers		B.7	Evaluate variable expressions involving rational numbers
B.4	Add and subtract rational numbers	<b>2</b> A	N D	PROPORTIONS
C.1	Identify equivalent ratios	5 A	ND	C.4 Unit prices
C.2 C.3	Write an equivalent ratio Unit rates			<ul><li>C.5 Solve proportions</li><li>C.6 Solve proportions: word problems</li></ul>
	PI	E R C	EN	C.7 Scale drawings: word problems
D.1	Convert between percents, fractions and decimals		D.5	Percent of change: word problems
D.2 D.3	Solve percent equations  Percent word problems		D.6 D.7	Percent of a number: VAT, discount and more Find the percent: discount and mark-up
D.4	Percent of change		D.8	Multi-step problems with percents
E.1	M E A  Convert rates and measurements	S U	<b>R E N</b>	M E N T  Minimum and maximum area and volume
E.2 E.3	Precision  Createst possible error		E.5 E.6	Percent error  Percent error: area and volume
E.5	Greatest possible error  LINES	A N		A N G L E S
F.1	Transversals: name angle pairs		F.3	Identify complementary, supplementary, vertical, adjacent and congruent angles
F.2	Transversals of parallel lines: find angle measures		F.4	Find measures of complementary, supplementary, vertical and adjacent angles
		IA	NGI	LES
G.1 G.2	Classify triangles  Triangle angle-sum property	G G	_	idsegments of triangles SS, SAS and ASA Theorems
G.3 G.4	Exterior angle property  Exterior angle inequality	G		S Theorem in the coordinate plane ongruency in isosceles and equilateral triangles
G.4 G.5	Angle-side relationships in triangles	G		ypotenuse-Leg Theorem
G.6	Triangle Inequality Theorem	D.		
H.1	Q U A D  Classify quadrilaterals	RII	L <b>А</b> Т Н.6	Properties of squares and rectangles
H.2 H.3	Graph quadrilaterals  Properties of parallelograms		H.7 H.8	Properties of trapeziums Properties of kites
H.4	Proving a quadrilateral is a parallelogr	am	H.9	Review: properties of quadrilaterals
H.5	Properties of rhombuses P O	ΙΥ	G O	N S
I.1	Polygon vocabulary	I.3	Exterio	r angles of polygons
I.2	0 1 70	N D		RIMETER
J.1 J.2	Perimeter  Area of rectangles and squares		J.5 J.6	Area and circumference of circles  Area of compound figures
J.3	Area of parallelograms and triangles	,	J.7	Area between two shapes
J.4	Area of trapeziums		J.8 J.9	Area and perimeter mixed review  Heron's formula
K.1	SURFACE A Introduction to surface area and volum		A A	ND VOLUME  Volume of prisms and cylinders
K.2	Surface area of prisms and cylinders		K.4	Volume of cones
K.3	Surface area of cones		K.6	Surface area and volume of spheres  Surface area and volume review
	C	IR	CLE	S
L.1 L.2	Parts of a circle  Central angles	L.6		Arcs and chords  Tangent lines
L.3 L.4	Arc measure and arc length  Area of sectors	L.8		Perimeter of polygons with an inscribed circle Inscribed angles
L.5	Circle measurements: mixed review	L.1	0	Angles in inscribed right triangles
		1 1 1		
	CONS	L.1		Angles in inscribed quadrilaterals  TIONS
M.1	C O N S  Construct the midpoint or perpendicular bisector of a segment		U C	TIONS  nstruct a congruent angle
M.1 M.2	Construct the midpoint or perpendicular bisector of a segment  Construct an angle bisector	T R M.3	U C	TIONS  Instruct a congruent angle  Instruct an equilateral triangle or regular hexagor
	Construct the midpoint or perpendicular bisector of a segment  Construct an angle bisector	T R M.3 M.4	U C Cor	TIONS  Instruct a congruent angle  Instruct an equilateral triangle or regular hexagor
M.2 N1 N.2	Construct the midpoint or perpendicular bisector of a segment  Construct an angle bisector  SOLVE  Model and solve equations using algebra  Write and solve equations that represent di	T R M.3 M.4 E (a tiles	Cor Cor N.6	TIONS  Instruct a congruent angle  Instruct an equilateral triangle or regular hexagor  ATIONS  Solve equations with variables on both side  Solve equations: complete the solution
M.2	Construct the midpoint or perpendicular bisector of a segment  Construct an angle bisector  SOLVE  Model and solve equations using algebra	T R M.3 M.4 E (a tiles	Cor Cor N.6	TIONS  Instruct a congruent angle  Instruct an equilateral triangle or regular hexagor  ATIONS  Solve equations with variables on both side  Solve equations: complete the solution  Find the number of solutions
M.2 N1 N.2 N.3	Construct the midpoint or perpendicular bisector of a segment  Construct an angle bisector  SOLVE  Model and solve equations using algebra  Write and solve equations that represent di  Solve one-step linear equations	T R M.3 M.4 E (a tiles	U C Cor Cor N.6 N.6 N.6 N.6 N.6	TIONS  Instruct a congruent angle  Instruct an equilateral triangle or regular hexagor  INTIONS  Solve equations with variables on both sides  Solve equations: complete the solution  Find the number of solutions  Create equations with no solutions or infinitely many solutions  Solve linear equations: word problems
N1 N.2 N.3 N.4	Construct the midpoint or perpendicular bisector of a segment  Construct an angle bisector  SOLVE  Model and solve equations using algebra Write and solve equations that represent di Solve one-step linear equations  Solve two-step linear equations  Solve advanced linear equations	T R M.3 M.4 E (a tiles iagran	U C Cor Cor N.6 N.8 N.8 N.9 N.1	TIONS  Instruct a congruent angle  Instruct an equilateral triangle or regular hexagor  TIONS  Solve equations with variables on both sides  Solve equations: complete the solution  Find the number of solutions  Create equations with no solutions or infinitely many solutions  Solve linear equations: word problems  Solve linear equations: mixed review
N1 N.2 N.3 N.4	Construct the midpoint or perpendicular bisector of a segment  Construct an angle bisector  SOLVE  Model and solve equations using algebra  Write and solve equations that represent di  Solve one-step linear equations  Solve two-step linear equations	T R M.3 M.4 E (a tiles iagran	U C Cor Cor N.6 N.8 N.8 N.9 N.1	TIONS  Instruct a congruent angle  Instruct an equilateral triangle or regular hexagor  INTIONS  Solve equations with variables on both sides  Solve equations: complete the solution  Find the number of solutions  Create equations with no solutions or infinitely many solutions  Solve linear equations: word problems
N1 N.2 N.3 N.4 N.5	Construct the midpoint or perpendicular bisector of a segment  Construct an angle bisector  SOLVE  Model and solve equations using algebra Write and solve equations that represent di Solve one-step linear equations  Solve two-step linear equations  Solve advanced linear equations  DATA  Interpret bar graphs, line graphs	T R M.3 M.4 E (a tiles iagran	U C Cor Cor N.6 N.6 N.7 N.8 N.9 N.1	TIONS  Instruct a congruent angle  Instruct an equilateral triangle or regular hexagor  TIONS  Solve equations with variables on both sides  Solve equations: complete the solution  Find the number of solutions  Create equations with no solutions or infinitely many solutions  Solve linear equations: word problems  Solve linear equations: mixed review  RAPHS
N1 N.2 N.3 N.4 N.5	Construct the midpoint or perpendicular bisector of a segment  Construct an angle bisector  SOLVE  Model and solve equations using algebra Write and solve equations that represent di Solve one-step linear equations  Solve two-step linear equations  Solve advanced linear equations  DATA  Interpret bar graphs, line graphs and histograms  Create bar graphs, line graphs and histograms  PROBL	T R M.3 M.4 E (a tiles iagran	U C Cor Cor N.6 N.6 N.7 N.6 N.7 N.1 D G O.3 O.4	TIONS  Instruct a congruent angle  Instruct an equilateral triangle or regular hexagor  TIONS  Solve equations with variables on both side  Solve equations: complete the solution  Find the number of solutions  Create equations with no solutions or infinitely many solutions  Solve linear equations: word problems  Solve linear equations: mixed review  RAPHS  Interpret pie charts  Interpret stem-and-leaf plots
N1 N.2 N.3 N.4 N.5	Construct the midpoint or perpendicular bisector of a segment  Construct an angle bisector  SOLVE  Model and solve equations using algebra Write and solve equations that represent di Solve one-step linear equations  Solve two-step linear equations  Solve advanced linear equations  DATA  Interpret bar graphs, line graphs and histograms  Create bar graphs, line graphs and histograms	T R M.3 M.4 E (a tiles iagran	U C Cor Cor N.6 N.8 N.8 N.9 N.1 D G O.3	TIONS  Instruct a congruent angle  Instruct an equilateral triangle or regular hexagor  TIONS  Solve equations with variables on both side  Solve equations: complete the solution  Find the number of solutions  Create equations with no solutions or infinitely many solutions  Solve linear equations: word problems  Solve linear equations: mixed review  RAPHS  Interpret pie charts  Interpret stem-and-leaf plots
M.2  N1  N.2  N.3  N.4  N.5  O.1  O.2  P.1	Construct the midpoint or perpendicular bisector of a segment  Construct an angle bisector  SOLVE  Model and solve equations using algebra Write and solve equations that represent di Solve one-step linear equations  Solve two-step linear equations  Solve advanced linear equations  DATA  Interpret bar graphs, line graphs and histograms  Create bar graphs, line graphs and histograms  PROBL  Word problems: mixed review	T R M.3 M.4 E (a tiles iagran	U C Cor Cor N.6 N.7 N.8 N.9 N.1 D G O.3 O.4 P.3	TIONS  Instruct a congruent angle  Instruct an equilateral triangle or regular hexagor  TIONS  Solve equations with variables on both side  Solve equations: complete the solution  Find the number of solutions  Create equations with no solutions or infinitely many solutions  Solve linear equations: word problems  Solve linear equations: mixed review  RAPHS  Interpret pie charts  Interpret stem-and-leaf plots  DLVING  Consecutive integer problems
M.2  N1  N.2  N.3  N.4  N.5  O.1  O.2  P.1	Construct the midpoint or perpendicular bisector of a segment  Construct an angle bisector  SOLVE  Model and solve equations using algebra Write and solve equations that represent di Solve one-step linear equations  Solve two-step linear equations  Solve advanced linear equations  DATA  Interpret bar graphs, line graphs and histograms  Create bar graphs, line graphs and histograms  PROBL  Word problems: mixed review  Word problems with money	T R M.3 M.4 E (a tiles iagran	U C Cor Cor N.6 N.8 N.9 N.1 N.1 D G O.3 O.4 P.3 P.4	TIONS  Instruct a congruent angle  Instruct an equilateral triangle or regular hexagor  TIONS  Solve equations with variables on both side  Solve equations: complete the solution  Find the number of solutions  Create equations with no solutions or infinitely many solutions  Solve linear equations: word problems  Solve linear equations: mixed review  RAPHS  Interpret pie charts  Interpret stem-and-leaf plots  Consecutive integer problems  Rate of travel: word problems  Weighted averages: word problems
M.2  N1  N.2  N.3  N.4  N.5  O.1  O.2  P.1  P.2	Construct the midpoint or perpendicular bisector of a segment  Construct an angle bisector  SOLVE  Model and solve equations using algebra Write and solve equations that represent di Solve one-step linear equations  Solve two-step linear equations  Solve advanced linear equations  DATA  Interpret bar graphs, line graphs and histograms  Create bar graphs, line graphs and histograms  PROBL  Word problems: mixed review  Word problems with money	T R M.3 M.4 E (a tiles iagran	U C Cor Cor N.6 N.8 N.9 N.1 N.1 D G O.3 O.4 P.3 P.4 P.5	TIONS Instruct a congruent angle Instruct an equilateral triangle or regular hexagor INTIONS I
M.2  N1  N.2  N.3  N.4  N.5  O.1  O.2  P.1  P.2	Construct the midpoint or perpendicular bisector of a segment  Construct an angle bisector  SOLVE  Model and solve equations using algebra Write and solve equations that represent di Solve one-step linear equations  Solve two-step linear equations  Solve advanced linear equations  DATA  Interpret bar graphs, line graphs and histograms  Create bar graphs, line graphs and histograms  PROBL  Word problems: mixed review  Word problems with money  Identify hypotheses and conclusions  COORD  Coordinate plane review	T R M.3 M.4 E (a tiles iagran	U C Cor Cor Cor N.6 N.6 N.7 N.6 N.7 N.1 D G O.3 O.4 P.3 P.4 P.5	TIONS Instruct a congruent angle Instruct an equilateral triangle or regular hexagor INTIONS ISOlve equations with variables on both side ISOlve equations: complete the solution ISOlve equations with no solutions or infinitely many solutions ISOlve linear equations: word problems ISOlve linear equations: mixed review INTIONS
M.2  N1  N.2  N.3  N.4  N.5  O.1  O.2  P.1  P.2	Construct the midpoint or perpendicular bisector of a segment  Construct an angle bisector  SOLVE  Model and solve equations using algebra Write and solve equations that represent di Solve one-step linear equations  Solve two-step linear equations  Solve advanced linear equations  DATA  Interpret bar graphs, line graphs and histograms  Create bar graphs, line graphs and histograms  PROBL  Word problems: mixed review  Word problems with money  Identify hypotheses and conclusions  COORD  Coordinate plane review	T R M.3 M.4 E (a tiles iagran	U C Cor Cor Cor N.6 N.7 N.8 N.7 N.8 N.9 N.1 D G O.3 O.4 P.3 P.4 P.5 G I C A T	TIONS Instruct a congruent angle Instruct an equilateral triangle or regular hexagor INTIONS I
M.2  N1  N.2  N.3  N.4  N.5  O.1  O.2  P.1  P.2  Q.1	Construct the midpoint or perpendicular bisector of a segment  Construct an angle bisector  SOLVE  Model and solve equations using algebra Write and solve equations that represent di Solve one-step linear equations  Solve two-step linear equations  Solve advanced linear equations  DATA  Interpret bar graphs, line graphs and histograms  Create bar graphs, line graphs and histograms  PROBL  Word problems: mixed review  Word problems with money  Identify hypotheses and conclusions  COORD  Coordinate plane review	T R M.3 M.4 E (a tiles iagran	U C Cor Cor N.6 N.7 N.8 N.9 N.1 D G O.3 O.4 P.3 P.4 P.5 G I C Writ	TIONS  Instruct a congruent angle  Instruct an equilateral triangle or regular hexagor  TIONS  Solve equations with variables on both side  Solve equations: complete the solution  Find the number of solutions  Create equations with no solutions or infinitely many solutions  Solve linear equations: word problems  Solve linear equations: mixed review  RAPHS  Interpret pie charts  Interpret stem-and-leaf plots  DLVING  Consecutive integer problems  Rate of travel: word problems  Weighted averages: word problems  CQ.2 Counterexamples  EPLANE  R.2 Quadrants and axes  IATION
M.2  N1  N.3  N.4  N.5  O.1  O.2  P.1  P.2  Q.1  R.1	Construct the midpoint or perpendicular bisector of a segment  Construct an angle bisector  SOLVE  Model and solve equations using algebra Write and solve equations that represent di Solve one-step linear equations  Solve two-step linear equations  Solve advanced linear equations  DATA  Interpret bar graphs, line graphs and histograms  Create bar graphs, line graphs and histograms  PROBL  Word problems: mixed review  Word problems with money  Identify hypotheses and conclusions  COORD  Coordinate plane review  DIRECT  Identify proportional relationships  Find the constant of variation	T R M.3 M.4 E (a tiles iagran I N I N I N S.3 S.4 S.5	U C Cor Cor Cor N.6 N.7 N.8 N.9 N.1 D G O.3 O.4 P.3 P.4 P.5 G I C Writ	TIONS  Instruct a congruent angle  Instruct an equilateral triangle or regular hexagor  INTIONS  Solve equations with variables on both side  Solve equations: complete the solution  Find the number of solutions  Create equations with no solutions or infinitely many solutions  Solve linear equations: word problems  Solve linear equations: mixed review  FRAPHS  Interpret pie charts  Interpret stem-and-leaf plots  OLVING  Consecutive integer problems  Rate of travel: word problems  Weighted averages: word problems  Weighted averages: word problems  EPLANE  R.2 Quadrants and axes  IATION  ph a proportional relationship  te direct variation equations  te and solve direct variation equations
M.2  N1  N.3  N.4  N.5  O.1  O.2  P.1  P.2  Q.1  R.1	Construct the midpoint or perpendicular bisector of a segment Construct an angle bisector  SOLVE  Model and solve equations using algebra Write and solve equations that represent di Solve one-step linear equations Solve two-step linear equations  Solve advanced linear equations  DATA Interpret bar graphs, line graphs and histograms  Create bar graphs, line graphs and histograms  PROBL  Word problems: mixed review  Word problems with money  Identify hypotheses and conclusions  COORD  Coordinate plane review  DIREC  Identify proportional relationships Find the constant of variation	T R M.3 M.4 E (a tiles iagran I N I N I N S.3 S.4 S.5	U C Cor Cor Cor N.6 N.6 N.6 N.7 N.6 N.7 N.6 N.7	TIONS  Instruct a congruent angle  Instruct an equilateral triangle or regular hexagor  INTIONS  Solve equations with variables on both side  Solve equations: complete the solution  Find the number of solutions  Create equations with no solutions or infinitely many solutions  Solve linear equations: word problems  Solve linear equations: mixed review  FRAPHS  Interpret pie charts  Interpret stem-and-leaf plots  DLVING  Consecutive integer problems  Rate of travel: word problems  Weighted averages: word problems  Weighted averages: word problems  EPLANE  R.2 Quadrants and axes  IATION  ph a proportional relationship  te direct variation equations  te and solve direct variation equations  ATIONS  Linear equations: solve for y
M.2  N1  N.2  N.3  N.4  N.5  O.1  O.2  P.1  P.2  T.1  T.2  T.3	Construct the midpoint or perpendicular bisector of a segment  Construct an angle bisector  SOLVE  Model and solve equations using algebra Write and solve equations that represent disolve one-step linear equations  Solve two-step linear equations  Solve advanced linear equations  Create bar graphs, line graphs and histograms  PROBL  Word problems: mixed review  Word problems with money  Identify hypotheses and conclusions  COORD  Coordinate plane review  DIRECT  Identify proportional relationships Find the constant of variation  LINEAR  Identify linear equations Find the slope of a graph Find the slope from two points	T R M.3 M.4 E (a tiles iagran I N I N I N S.3 S.4 S.5	U C Cor Cor Cor N.6 N.6 N.7 N.8 N.7 N.8 N.1 D G O.3 O.4 P.3 P.4 P.5 G I C Writ Writ Urit	TIONS  Instruct a congruent angle  Instruct an equilateral triangle or regular hexago  INTIONS  Solve equations with variables on both side  Solve equations: complete the solution  Find the number of solutions  Create equations with no solutions or infinitely many solutions  Solve linear equations: word problems  Interpret pie charts  Interpret stem-and-leaf plots  Interpret stem-and-leaf plots  Interpret word problems  Rate of travel: word problems  Weighted averages: word problems  PLANE  R.2 Quadrants and axes  IATION  ph a proportional relationship  te direct variation equations  te and solve direct variation equations  Interpret equations: solve word problems  Compare linear equations, graphs and tables
M.2  N1  N.3  N.4  N.5  O.1  O.2  P.1  P.2  Q.1  R.1  S.1  S.2	Construct the midpoint or perpendicular bisector of a segment  Construct an angle bisector  SOLVE  Model and solve equations using algebra Write and solve equations that represent disolve one-step linear equations  Solve two-step linear equations  Solve advanced linear equations  DATA  Interpret bar graphs, line graphs and histograms  Create bar graphs, line graphs and histograms  PROBL  Word problems: mixed review  Word problems with money  Identify hypotheses and conclusions  COORD  Coordinate plane review  DIRECT  Identify proportional relationships  Find the constant of variation  LINEAR  Identify linear equations Find the slope of a graph	T R M.3 M.4 E (a tiles iagran I N I N I N S.3 S.4 S.5	U C Cor Cor Cor N.6 N.6 N.7 N.8	TIONS  Instruct a congruent angle  Instruct an equilateral triangle or regular hexago  INTIONS  Solve equations with variables on both side  Solve equations: complete the solution  Find the number of solutions  Create equations with no solutions or infinitely many solutions  Solve linear equations: word problems  Solve linear equations: mixed review  RAPHS  Interpret pie charts  Interpret stem-and-leaf plots  DLVING  Consecutive integer problems  Rate of travel: word problems  Weighted averages: word problems  Weighted averages: word problems  PLANE  R.2 Quadrants and axes  IATION  ph a proportional relationship te direct variation equations  te and solve direct variation equations  Linear equations: solve for y  Write linear equations to solve word problems
M.2  N1  N.3  N.4  N.5  O.1  O.2  P.1  P.2  T.1  T.2  T.3  T.4	Construct the midpoint or perpendicular bisector of a segment  Construct an angle bisector  SOLVE  Model and solve equations using algebrative and solve equations that represent displayed to solve one-step linear equations  Solve two-step linear equations  Solve advanced linear equations  DATA  Interpret bar graphs, line graphs and histograms  Create bar graphs, line graphs and histograms  PROBL  Word problems: mixed review  Word problems with money  Identify hypotheses and conclusions  COORD  Coordinate plane review  DIREC  Identify proportional relationships  Find the constant of variation  LINEAR  Identify linear equations  Find the slope of a graph  Find the slope from two points  Find a missing coordinate using slope	T R M.3 M.4 E ( a tiles iagran  I N  E M  S.3 S.4 S.5 R E	U C Cor Cor Cor N.6 N.6 N.6 N.7 N.8 N.7 N.8 N.1 D G O.3 O.4 P.3 P.4 P.5 G I C Vrit Writ Urit T.12 T.13 T.14	ITIONS Instruct a congruent angle Instruct an equilateral triangle or regular hexago ITIONS ISOIVE equations with variables on both side ISOIVE equations: complete the solution ISOIVE linear equations with no solutions or infinitely many solutions ISOIVE linear equations: word problems ISOIVE linear equations: mixed review INTERPRET SINTERPRET SINTER
M.2  N1  N.3  N.4  N.5  O.1  O.2  P.1  P.2  T.1  T.2  T.3  T.4  T.5	Construct the midpoint or perpendicular bisector of a segment  Construct an angle bisector  SOLVE  Model and solve equations using algebra write and solve equations that represent disolve one-step linear equations  Solve two-step linear equations  Solve advanced linear equations  DATA A Interpret bar graphs, line graphs and histograms  Create bar graphs, line graphs and histograms  PROBL  Word problems: mixed review  Word problems with money  Identify hypotheses and conclusions  COORD  Coordinate plane review  DIREC  Identify proportional relationships  Find the constant of variation  LINEAR  Identify linear equations  Find the slope of a graph  Find the slope from two points  Find a missing coordinate using slope  Slope-intercept form: find the slope and y-intercept	TR M.3 M.4 E ( a tiles iagran  I N  E M  S.3 S.4 S.5  R E	U C Cor Cor Cor N.6 N.6 N.6 N.7 N.8 N.7 N.1 D G O.3 O.4 P.3 P.4 P.5 G I C Vrit Writ Vrit T.12 T.13 T.14 T.15	nstruct a congruent angle  instruct an equilateral triangle or regular hexago  ATIONS  Solve equations with variables on both side  Solve equations: complete the solution  Find the number of solutions  Create equations with no solutions or infinitely many solutions  Solve linear equations: word problems  Solve linear equations: mixed review  RAPHS  Interpret pie charts  Interpret stem-and-leaf plots  DLVING  Consecutive integer problems  Rate of travel: word problems  Weighted averages: word problems  Weighted averages: word problems  CQ2 Counterexamples  EPLANE  R.2 Quadrants and axes  IATION  ph a proportional relationship  te direct variation equations  te and solve direct variation equations  te and solve direct variation equations  ATIONS  Linear equations: solve for y  Write linear equations to solve word problem.  Compare linear equations, graphs and tables  Write equations in standard form  Standard form: find x- and y-intercepts
M.2  N1  N.3  N.4  N.5  O.1  O.2  P.1  P.2  T.1  T.2  T.3  T.4  T.5  T.6	Construct the midpoint or perpendicular bisector of a segment  Construct an angle bisector  SOLVE  Model and solve equations using algebrative and solve equations that represent described by the solve one-step linear equations  Solve two-step linear equations  Solve advanced linear equations  DATA A interpret bar graphs, line graphs and histograms  Create bar graphs, line graphs and histograms  PROBL  Word problems: mixed review  Word problems with money  Identify hypotheses and conclusions  COORD  Coordinate plane review  DIREC Coldentify proportional relationships  Find the constant of variation  LINEAR Identify linear equations  Find the slope of a graph  Find the slope from two points  Find a missing coordinate using slope  Slope-intercept form: find the slope and y-intercept  Slope-intercept form: graph an equation of graph  Slope-intercept form: write an equation slope-intercept form:	TR M.3 M.4 E (a tiles iagran A N E M S.3 S.4 S.5 R E	U C Cor Cor Cor N.6 N.7 N.8 N.7 N.8 N.9 N.1  D G O.3 O.4  P.3 P.4 P.5 G I C Vrit Writ Writ T.12 T.13 T.14 T.15 T.16 T.17 T.18	nstruct a congruent angle nstruct an equilateral triangle or regular hexago  TIONS Solve equations with variables on both side Solve equations: complete the solution Find the number of solutions Create equations with no solutions or infinitely many solutions Solve linear equations: word problems Interpret pie charts Interpret pie charts Interpret stem-and-leaf plots  DLVING Consecutive integer problems Rate of travel: word problems Weighted averages: word problems  Weighted averages: word problems  EPLANE R.2 Quadrants and axes  IATION ph a proportional relationship te direct variation equations te and solve direct variation equations  ATIONS Linear equations: solve for y Write linear equations to solve word problems Compare linear equations, graphs and tables Write equations in standard form Standard form: graph an equation Equations of horizontal and vertical lines Graph a horizontal or vertical line
M.2  N1  N.3  N.4  N.5  O.1  O.2  P.1  P.2  T.1  T.2  T.3  T.4  T.5  T.6  T.7  T.8  T.9	Construct the midpoint or perpendicular bisector of a segment  Construct an angle bisector  SOLVE  Model and solve equations using algebra write and solve equations that represent of Solve one-step linear equations  Solve two-step linear equations  Solve advanced linear equations  Create bar graphs, line graphs and histograms  PROBL  Word problems: mixed review  Word problems with money  Identify hypotheses and conclusions  COORD  Coordinate plane review  DIREC  Identify proportional relationships  Find the constant of variation  LINEAR  Identify linear equations  Find the slope of a graph  Find the slope from two points  Find a missing coordinate using slope  Slope-intercept form: graph an equation of the slope and y-intercept  Slope-intercept form: write an equation of slope-intercept form:	TR M.3 M.4 E (a tiles iagran L O I N S.3 S.4 S.5 E E	U C Cor Cor N.6 N.7 N.8 N.7 N.8 N.7 N.1  D G O.3 O.4  P.3 P.4 P.5 G I C Writ Writ T.12 T.13 T.14 T.15 T.16 T.17 T.18 T.19	TIONS  Instruct a congruent angle  Instruct an equilateral triangle or regular hexago  INTIONS  Solve equations with variables on both side  Solve equations: complete the solution  Find the number of solutions  Create equations with no solutions or infinitely many solutions  Solve linear equations: word problems  Interpret pie charts  Interpret stem-and-leaf plots  Interpret stem-and-leaf plots  Consecutive integer problems  Rate of travel: word problems  Weighted averages: word problems  PLANE  R.2 Quadrants and axes  IATION  The ph a proportional relationship te direct variation equations  te and solve direct variation equations  te and solve direct variation equations  Tons  Linear equations: solve for y  Write linear equations to solve word problem  Compare linear equations, graphs and tables  Write equations in standard form  Standard form: graph an equation  Equations of horizontal and vertical lines  Graph a horizontal or vertical line  Slopes of parallel and perpendicular lines
M.2  N1  N.3  N.4  N.5  O.1  O.2  P.1  P.2  Q.1  R.1  T.2  T.3  T.4  T.5  T.6  T.7  T.8	Construct the midpoint or perpendicular bisector of a segment Construct an angle bisector  SOLVE  Model and solve equations using algebra Write and solve equations that represent disolve one-step linear equations Solve two-step linear equations  Solve advanced linear equations  Solve advanced linear equations  Create bar graphs, line graphs and histograms  PROBL  Word problems: mixed review  Word problems with money  Identify hypotheses and conclusions  COORD  Coordinate plane review  DIRECT  Identify proportional relationships Find the constant of variation  LINEAR  Identify linear equations Find the slope of a graph Find the slope from two points  Find a missing coordinate using slope Slope-intercept form: graph an equation from a graph Slope-intercept form: write an equation from a graph Slope-intercept form: write an equation from a table Slope-intercept form: write an equation from a table Slope-intercept form: write an equation from a table Slope-intercept form: write an equation from a word problem	T R M.3 M.4 E ( a tiles iagran  I N  E M  S.3 S.4 S.5  R E	U C Cor Cor N.6 N.7 N.8	TIONS  Instruct a congruent angle  Instruct an equilateral triangle or regular hexagonal processor of the solve equations with variables on both side of solve equations: complete the solution of infinitely many solutions or infinitely many solutions.  I A T I O B  Consecutive integer problems  Rate of travel: word problems  Weighted averages: word problems  Weighted averages: word problems  C Q.2 Counterexamples  E P L A N E  R.2 Quadrants and axes  I A T I O N  ph a proportional relationship tedirect variation equations te and solve direct variation equations  te and solve direct variation equations  T I O N S  Linear equations: solve for y  Write linear equations: solve word problems  Compare linear equations, graphs and tables of the proposition of the proposi
M.2  N1 N.2 N.3 N.4 N.5 O.1 O.2 P.1 P.2  Q.1 R.1 T.2 T.3 T.4 T.5 T.6 T.7 T.8 T.9	Construct the midpoint or perpendicular bisector of a segment Construct an angle bisector  SOLVE  Model and solve equations using algebra Write and solve equations that represent disolve one-step linear equations Solve two-step linear equations  Solve advanced linear equations  Solve advanced linear equations  Create bar graphs, line graphs and histograms  PROBL  Word problems: mixed review  Word problems with money  Identify hypotheses and conclusions  COORD  Coordinate plane review  DIRECT  Identify proportional relationships Find the constant of variation  LINEAR  Identify linear equations Find the slope of a graph Find the slope from two points  Find a missing coordinate using slope Slope-intercept form: graph an equation from a graph Slope-intercept form: write an equation from a graph Slope-intercept form: write an equation from a table Slope-intercept form: write an equation from a table Slope-intercept form: write an equation from a table Slope-intercept form: write an equation from a word problem	T R M.3 M.4 E ( a tiles iagran  I N  E M  S.3 S.4 S.5  R E	U C Cor Cor N.6 N.7 N.8 N.7 N.8 N.7 N.1  D G O.3 O.4  P.3 P.4 P.5 G I C Writ Writ T.12 T.13 T.14 T.15 T.16 T.17 T.18 T.19	TIONS  Instruct a congruent angle  Instruct an equilateral triangle or regular hexago  INTIONS  Solve equations with variables on both side  Solve equations: complete the solution  Find the number of solutions  Create equations with no solutions or infinitely many solutions  Solve linear equations: word problems  Solve linear equations: mixed review  RAPHS  Interpret pie charts  Interpret stem-and-leaf plots  DLVING  Consecutive integer problems  Rate of travel: word problems  Weighted averages: word problems  EPLANE  R.2 Quadrants and axes  IATION  ph a proportional relationship  te direct variation equations  te and solve direct variation equations  ATIONS  Linear equations: solve for y  Write linear equations to solve word problem  Compare linear equations, graphs and table:  Write equations in standard form  Standard form: graph an equation  Equations of horizontal and vertical lines  Graph a horizontal or vertical line  Slopes of parallel and perpendicular lines  Write an equation for a parallel or perpendicular line  VIS
M.2  N1  N.3  N.4  N.5  O.1  O.2  P.1  P.2  P.1  P.2  T.1  T.2  T.3  T.4  T.5  T.6  T.7  T.8  T.9  T.10	Construct the midpoint or perpendicular bisector of a segment Construct an angle bisector  SOLVE  Model and solve equations using algebrative and solve equations that represent of solve one-step linear equations  Solve two-step linear equations  Solve advanced linear equations  DATA  Interpret bar graphs, line graphs and histograms  Create bar graphs, line graphs and histograms  PROBL  Word problems: mixed review  Word problems with money  Identify hypotheses and conclusions  COORD  Coordinate plane review  DIRECT  Identify proportional relationships  Find the constant of variation  LINEAR  Identify linear equations  Find the slope of a graph  Find the slope from two points  Find a missing coordinate using slope  Slope-intercept form: find the slope and y-intercept  Slope-intercept form: graph an equation from a graph  Slope-intercept form: write an equation from a table  Slope-intercept form: write an equation from a table  Slope-intercept form: write an equation from a word problem  EX  Exponents with integer bases  Exponents with decimal and fractional	T R M.3 M.4 E ( a tiles iagran  I N  I N  I N  I N  I N  P O  P O	U C Cor Cor Cor N.6 N.6 N.6 N.7 N.8 N.7 N.8	TIONS  Instruct a congruent angle  Instruct an equilateral triangle or regular hexago  TIONS  Solve equations with variables on both side  Solve equations: complete the solution  Find the number of solutions  Create equations with no solutions or infinitely many solutions  Solve linear equations: word problems  Solve linear equations: mixed review  RAPHS  Interpret pie charts  Interpret stem-and-leaf plots  LVING  Consecutive integer problems  Rate of travel: word problems  Weighted averages: word problems  EPLANE  R.2 Quadrants and axes  IATION  ph a proportional relationship  tedirect variation equations  te and solve direct variation equations  te and solve direct variation equations  TONS  Linear equations: solve for y  Write linear equations to solve word problem  Compare linear equations, graphs and tables  Write equations in standard form  Standard form: graph an equation  Equations of horizontal and vertical lines  Graph a horizontal or vertical line  Slopes of parallel and perpendicular lines  Write an equation for a parallel or perpendicular line  NTS  Division with exponents  Multiplication and division with exponents
M.2  N1  N.3  N.4  N.5  O.1  O.2  P.1  P.2  T.1  T.2  T.3  T.4  T.5  T.6  T.7  T.8  T.9  T.10	Construct the midpoint or perpendicular bisector of a segment Construct an angle bisector  SOLVE  Model and solve equations using algebrative and solve equations that represent described by the and solve equations that represent described by the and solve equations.  Solve one-step linear equations.  Solve two-step linear equations.  Solve advanced linear equations.  DATA A linterpret bar graphs, line graphs and histograms.  Create bar graphs, line graphs and histograms.  PROBL  Word problems: mixed review.  Word problems with money.  LINEAR Identify hypotheses and conclusions.  LINEAR Identify linear equations.  Find the constant of variation.  LINEAR Identify linear equations.  Find a missing coordinate using slope and y-intercept form: find the slope and y-intercept.  Slope-intercept form: graph an equation from a graph.  Slope-intercept form: write an equation from a graph.  Slope-intercept form: write an equation from a table.  Slope-intercept form: write an equation from a word problem.  EX	T R M.3 M.4 E ( a tiles iagran  I N  I N  I N  I N  I N  P O  P O	U C Cor Cor N.6 N.7 N.8 N.8 N.9 N.1  D G O.3 O.4  P.3 P.4 P.5  G I C Vrit Writ Writ T.12 T.13 T.14 T.15 T.16 T.17 T.18 T.19 T.20  N E N U.	TIONS  Instruct a congruent angle  Instruct an equilateral triangle or regular hexago  ITIONS  Solve equations with variables on both side  Solve equations: complete the solution  Find the number of solutions  Create equations with no solutions or infinitely many solutions  Solve linear equations: word problems  Solve linear equations: mixed review  RAPHS  Interpret pie charts  Interpret stem-and-leaf plots  LVING  Consecutive integer problems  Rate of travel: word problems  Weighted averages: word problems  PLANE  R.2 Quadrants and axes  IATION  ph a proportional relationship  tedirect variation equations  te and solve direct variation equations  and solve direct variation equations  TIONS  Linear equations: solve for y  Write linear equations to solve word problem  Compare linear equations, graphs and tables  Write equations in standard form  Standard form: graph an equation  Equations of horizontal and vertical lines  Graph a horizontal or vertical line  Slopes of parallel and perpendicular lines  Write an equation for a parallel or perpendicular line  MTS  Division with exponents  Multiplication and division with exponents
M.2  N1  N.3  N.4  N.5  O.1  O.2  P.1  P.2  Q.1  R.1  T.2  T.3  T.4  T.5  T.6  T.7  T.8  T.9  T.10	Construct the midpoint or perpendicular bisector of a segment  Construct an angle bisector  SOLVE  Model and solve equations using algebrative and solve equations that represent of solve one-step linear equations  Solve two-step linear equations  Solve advanced linear equations  DATA  Interpret bar graphs, line graphs and histograms  Create bar graphs, line graphs and histograms  PROBL  Word problems: mixed review  Word problems with money  Identify hypotheses and conclusions  COORD  Coordinate plane review  DIREC  Identify proportional relationships  Find the constant of variation  LINEAR  Identify linear equations  Find the slope of a graph  Find the slope from two points  Find a missing coordinate using slope  Slope-intercept form: find the slope and y-intercept  Slope-intercept form: write an equation from a graph  Slope-intercept form: write an equation from a graph  Slope-intercept form: write an equation from a table  Slope-intercept form: write an equation from a word problem  EX  Exponents with integer bases  Exponents with decimal and fractional Negative exponents	T R M.3 M.4 E ( a tiles iagran  I N  I N  I N  I N  I N  P O  P O	U C Cor Cor Cor N.6 N.6 N.6 N.7 N.6 N.7 N.8 N.7 N.8 N.7 N.8 N.7 N.8 N.7 N.8	TIONS  Instruct a congruent angle  Instruct an equilateral triangle or regular hexago  INTIONS  Solve equations with variables on both side  Solve equations: complete the solution  Find the number of solutions  Create equations with no solutions or infinitely many solutions  Solve linear equations: word problems  Solve linear equations: mixed review  INTIONS  Interpret pie charts  Interpret stem-and-leaf plots  Interpret stem-and-leaf plots  Consecutive integer problems  Rate of travel: word problems  Weighted averages: word problems  EPLANE  R.2 Quadrants and axes  IATION  Pha proportional relationship  te direct variation equations  te and solve direct variation equations  ATIONS  Linear equations: solve for y  Write linear equations to solve word problem  Compare linear equations, graphs and tables  Write equations in standard form  Standard form: graph an equation  Equations of horizontal and vertical lines  Graph a horizontal or vertical line  Slopes of parallel and perpendicular lines  Write an equation for a parallel or perpendicular line  NTS  Division with exponents  Multiplication and division with exponents  Multiplication and division with exponents  Multiplication and division with exponents  Power rule  Evaluate expressions using properties of exponents  Identify equivalent expressions involving
M.2  N1  N.3  N.4  N.5  O.1  O.2  P.1  P.2  Q.1  R.1  T.2  T.3  T.4  T.5  T.6  T.7  T.8  T.9  T.10	Construct the midpoint or perpendicular bisector of a segment Construct an angle bisector  SOLVE  Model and solve equations using algebrative and solve equations that represent disolve one-step linear equations Solve two-step linear equations  Solve advanced linear equations  Solve advanced linear equations  DATA  Interpret bar graphs, line graphs and histograms  Create bar graphs, line graphs and histograms  PROBL  Word problems: mixed review  Word problems with money  Identify hypotheses and conclusions  COORD  Coordinate plane review  DIREC  Identify proportional relationships Find the constant of variation  LINEAR  Identify linear equations Find the slope of a graph Find the slope from two points  Find a missing coordinate using slope Slope-intercept form: graph an equation from a graph Slope-intercept form: write an equation from a graph Slope-intercept form: write an equation slope-intercept form: write an equation from a graph Slope-intercept form: write an equation slope-intercept form: write an equation from a table Slope-intercept form: write an equation slope-intercept slope-intercept slope-intercept slope-intercept slope-intercept slope	T R M.3 M.4 E ( a tiles iagran  T N  T V S.3 S.4 S.5  R E  On  n  n  P O  bases	U C Cor Cor Cor N.6 N.6 N.6 N.7 N.6 N.7 N.8 N.8 N.7 N.8	TIONS  Instruct a congruent angle  Instruct an equilateral triangle or regular hexago  ITIONS  Solve equations with variables on both side  Solve equations: complete the solution  Find the number of solutions  Create equations with no solutions or infinitely many solutions  Solve linear equations: word problems  Solve linear equations: mixed review  RAPHS  Interpret pie charts  Interpret stem-and-leaf plots  LVING  Consecutive integer problems  Rate of travel: word problems  Weighted averages: word problems  PLANE  R.2 Quadrants and axes  IATION  In a proportional relationship  ted direct variation equations  te and solve direct variation equations  Tions  Linear equations: solve for y  Write linear equations to solve word problem  Compare linear equations, graphs and tables  Write equations in standard form  Standard form: graph an equation  Equations of horizontal and vertical lines  Graph a horizontal or vertical line  Slopes of parallel and perpendicular lines  Write an equation for a parallel or perpendicular line  MTS  Division with exponents  Multiplication and division with exponents  Power rule  Evaluate expressions using properties of exponents
M.2  N1  N.3  N.4  N.5  O.1  O.2  P.1  P.2  Q.1  R.1  T.2  T.3  T.4  T.5  T.6  T.7  T.8  T.9  T.10  U.1  U.2  U.3  U.4	Construct the midpoint or perpendicular bisector of a segment Construct an angle bisector  SOLVE  Model and solve equations using algebrative and solve equations that represent described solve one-step linear equations  Solve two-step linear equations  Solve advanced linear equations  DATA And Interpret bar graphs, line graphs and histograms  Create bar graphs, line graphs and histograms  PROBL  Word problems: mixed review  Word problems with money  Identify hypotheses and conclusions  COORD  Coordinate plane review  DIREC Identify proportional relationships  Find the constant of variation  LINEAF  Identify linear equations  Find the slope of a graph  Find the slope from two points  Find a missing coordinate using slope  Slope-intercept form: graph an equation from a graph  Slope-intercept form: write an equation from a word problem  EX  Exponents with integer bases  Exponents with decimal and fractional Negative exponents  Multiplication with exponents  RATION And Evaluate rational exponents	TR M.3 M.4 E (a tiles iagran I N E M S.3 S.4 S.5 R E On I N D On In	U C Cor Cor Cor N.6 N.6 N.6 N.7 N.8 N.7 N.8 N.7 N.8 N.7 N.8 N.7 N.8	TIONS  Instruct a congruent angle  Instruct an equilateral triangle or regular hexago  Instruct an equations with variables on both side  Instruct an equations: complete the solution  Instruct an equations with no solutions or infinitely many solutions  Instruct an equations with no solutions or infinitely many solutions  Instruct an equations: wire problems  Instruct an equations: mixed review  Instruct an equations: mixed review  Instruct an equations: mixed review  Interpret pie charts  Interpret pie charts  Interpret stem-and-leaf plots  Interpret stem-and-lea
M.2  N1  N.3  N.4  N.5  O.1  O.2  P.1  P.2  T.1  T.2  T.3  T.4  T.5  T.6  T.7  T.8  T.9  T.10  U.1  U.2  U.3  U.1  V.2  U.3  U.1  V.2  U.3  U.4	Construct the midpoint or perpendicular bisector of a segment Construct an angle bisector  SOLVE  Model and solve equations using algebrative and solve equations that represent described solve one-step linear equations  Solve two-step linear equations  Solve advanced linear equations  DATA  Interpret bar graphs, line graphs and histograms  Create bar graphs, line graphs and histograms  PROBL  Word problems: mixed review  Word problems with money  Identify hypotheses and conclusions  COORD  Coordinate plane review  DIREC  Identify proportional relationships  Find the constant of variation  LINEAR  Identify linear equations  Find the slope of a graph  Find the slope from two points  Find a missing coordinate using slope  Slope-intercept form: graph an equation from a graph  Slope-intercept form: write an equation from a word problem  EX  Exponents with integer bases  Exponents with decimal and fractional Negative exponents  Multiplication with exponents  Multiplication with exponents	TR M.3 M.4 E (a tiles iagran A N E M S.3 S.4 S.5 C E	U C Cor Cor Cor N.6 N.6 N.6 N.7 N.6 N.7 N.6 N.7 N.7 N.7 N.7 Cor N.7 N.7 N.8 N.7 Cor N.7 Cor N.7 N.8 N.7 Cor N.	TIONS  Instruct a congruent angle  Instruct an equilateral triangle or regular hexagon  Instruct an equations with variables on both side  Instruct an equations: complete the solution  Instruct an equations with no solutions or infinitely many solutions  Instruct an equations with no solutions or infinitely many solutions  Instruct an equations: word problems  Instruct an equations: mixed review  Instruct an equations: mixed review  Instruct an equations: mixed review  Interpret ple charts  Interpret ple charts  Interpret stem-and-leaf plots  Interpret stem-and-le
M.2  N1 N.2 N.3 N.4 N.5 O.1 O.2 P.1 P.2 P.1 P.2 T.3 T.1 T.2 T.3 T.4 T.5 T.6 T.7 T.8 T.9 T.10 V.1 U.2 U.3 U.4 V.1 V.2 V.3	Construct the midpoint or perpendicular bisector of a segment Construct an angle bisector  SOLVE  Model and solve equations using algebra write and solve equations that represent of Solve one-step linear equations Solve two-step linear equations  Solve advanced linear equations  DATA A Interpret bar graphs, line graphs and histograms  Create bar graphs, line graphs and histograms  PROBL  Word problems: mixed review  Word problems with money  Identify hypotheses and conclusions  COORD  Coordinate plane review  LINEAF  Identify proportional relationships Find the constant of variation  LINEAF  Identify linear equations Find the slope of a graph Find the slope from two points Find a missing coordinate using slope slope-intercept form: graph an equation from a graph Slope-intercept form: write an equation from a graph Slope-intercept form: write an equation from a table  Slope-intercept form: write an equation from a word problem  EX  Exponents with integer bases  Exponents with integer bases  Exponents with decimal and fractional Negative exponents Multiplication with exponents  Multiplication with rational exponents  Division with rational exponents  Division with rational exponents  Division with rational exponents  Division with rational exponents	TR M.3 M.4 E (a tiles iagran S.3 S.4 S.5 E E On IN On IN On	U C Cor Cor Cor N.6 N.6 N.6 N.7 N.8 N.7 N.8	TIONS  Instruct a congruent angle  Instruct a congruent angle Instruct an equilateral triangle or regular hexagor  INTIONS  INTIO
M.2  N1 N.2 N.3 N.4 N.5 O.1 O.2 P.1 P.2 P.1 P.2 T.1 T.2 T.3 T.4 T.5 T.6 T.7 T.8 T.9 T.10 U.2 U.3 U.4 V.2 U.3 U.4	Construct the midpoint or perpendicular bisector of a segment.  Construct an angle bisector  SOLVE  Model and solve equations using algebrative and solve equations that represent of Solve one-step linear equations.  Solve two-step linear equations.  Solve advanced linear equations.  DATA  Interpret bar graphs, line graphs and histograms.  Create bar graphs, line graphs and histograms.  PROBL  Word problems: mixed review.  Word problems with money.  Identify hypotheses and conclusions.  COORD  Coordinate plane review.  DIREC.  Identify proportional relationships.  Find the constant of variation.  LINEAR  Identify linear equations.  Find the slope of a graph.  Find the slope from two points.  Find a missing coordinate using slope.  Slope-intercept form: graph an equation.  Slope-intercept form: write an equation.	TR M.3 M.4 E (a tiles iagran S.3 S.4 S.5 E E On IN On IN On	U C Cor Cor Cor N.6 N.6 N.6 N.7 N.8 N.7 N.8 N.7 N.8 N.7 N.8 N.7 N.8	TIONS  Instruct a congruent angle Instruct an equilateral triangle or regular hexagor  TIONS  Solve equations: complete the solution Find the number of solutions Create equations with no solutions or infinitely many solutions Colored inear equations: word problems Consecutive integer problems Rate of travel: word problems  Consecutive integer problems  Rate of travel: word problems  Weighted averages: word problems  EPLANE R.2 Quadrants and axes  IATION  ph a proportional relationship tedirect variation equations  te and solve direct variation equations  ATIONS  Linear equations: solve for y  Write linear equations to solve word problems  Compare linear equations, graphs and tables  Write equations in standard form  Standard form: graph an equation  Equations of horizontal and vertical line  Graph a horizontal or vertical line  Slopes of parallel and perpendicular lines  Write an equation for a parallel or perpendicular line  Write an equation and division with exponents  Write an equation and division with exponents  Write an equation and division with exponents  Craph a horizontal exponents  Write an equation exposents  UTS  Division with exponents  Write an equation for a parallel or perpendicular line  Slopes of parallel and perpendicular lines  Write an equation exponents  Write an equation exponents  HMS  Evaluate expressions using properties of exponents  Identify equivalent expressions involving exponents  PONENTS  Lidentify equivalent expressions involving exponents  HMS  Product property of logarithms

	SURFACE AI	R E	Α	<b>A</b> N	I D	VOLUME	
K.1	Introduction to surface area and volum	е	K.4	V	olun	ne of prisms and cylinders	
K.2	Surface area of prisms and cylinders	ders		i v	olun	ne of cones	
K.3	Surface area of cones		K.6	Sı	Surface area and volume of spheres		
			K.7	K.7 Surface area and volume review			
	С	IR	C L	E S			
L.1	Parts of a circle	L.6	6	Arcs and chords			
L.2	Central angles	L.7	,	Tangent lines			
L.3	Arc measure and arc length	L.8	3	Peri	met	er of polygons with an inscribed circle	
L.4	Area of sectors	L.9	)	Insc	cribe	ed angles	
L.5	Circle measurements: mixed review	L.10	0	Anç	gles	in inscribed right triangles	
		L.11	1	Ang	gles	in inscribed quadrilaterals	
	C O N S	ΓR	Ų (	CI	10	) N S	
M.1	Construct the midpoint or perpendicular bisector of a segment	М.3		Construct a congruent angle			
M.2	Construct an angle bisector	M.4	С	onstruct an equilateral triangle or regular hexagon			
	SOLVE	EC	Q U	A T	10	) N S	
N1	Model and solve equations using algebra	tiles	N	1.6	So	lve equations with variables on both sides	
N.2	Write and solve equations that represent did	agram	ns N	١.7	So	lve equations: complete the solution	
N.3	Solve one-step linear equations			1.8	Fin	d the number of solutions	
N.4	Solve two-step linear equations		١	1.9		eate equations with no solutions or initely many solutions	
N.5	Solve advanced linear equations		١	110	So	lve linear equations: word problems	
			١	N.11 Solve linear equations: mixed review			
	DATA A	N	D	G R	Α	PHS	
0.1	Interpret bar graphs, line graphs and histograms		0.3	li	nterp	oret pie charts	
0.2	Create bar graphs, line graphs and histograms		0.4	O.4 Interpret stem-and-leaf plots			
	PROBLI	E M	S	0	LV	ING	
P.1	Word problems: mixed review		P.3				
P.2	Word problems with money		P.4	R	Rate of travel: word problems		
			P.5	P.5 Weighted averages: word problems			
	L	0	GΙ	С			
Q.1	Identify hypotheses and conclusions			C	2.2	Counterexamples	
	COORDI	N.	A T	Е	Р	LANE	
R.1	Coordinate plane review			R	2.2	Quadrants and axes	
	DIRECT	V	A F	R I	ΑT	ION	

0.1	RATIOS, RATES				Unit prices
C.1	Identify equivalent ratios  Write an equivalent ratio			C.4 C.5	Solve proportions
C.2	Unit rates				· · ·
C.5	Offic rates			C.6	Solve proportions: word problems  Scale drawings: word problems
				C.7	scale drawings. Word problems
		R C	EN	ITS	
D.1	Convert between percents, fractions and decimals		D.5	Per	cent of change: word problems
D.2	Solve percent equations	$\dashv$	D.6	Per	cent of a number: VAT, discount and more
D.3	Percent word problems		D.7	+	d the percent: discount and mark-up
	·				
D.4	Percent of change		D.8	Mu	lti-step problems with percents
	MEAS	s U	RE	MEI	N T
E.1	Convert rates and measurements		E.4	Mir	nimum and maximum area and volume
E.2	Precision		E.5	Per	cent error
E.3	Greatest possible error		E.6	Per	cent error: area and volume
	<u>'</u>				
	LINES	A N	D	A N	GLES
F.1	Transversals: name angle pairs		F.3		entify complementary, supplementary,
					rtical, adjacent and congruent angles
F.2	Transversals of parallel lines: find angle measures		F.4		d measures of complementary, oplementary, vertical and adjacent angles
	T R	IAI	NG	L E S	
G.1	Classify triangles	G.	7 1	Midseg	ments of triangles
G.2	Triangle angle-sum property	G.	8 5	SSS, SA	S and ASA Theorems
G.3	Exterior angle property	G.	9 S	SS The	orem in the coordinate plane
G.4	Exterior angle inequality	G.	10 (	Congru	uency in isosceles and equilateral triangle
G.5	Angle-side relationships in triangles	G.	]]	Hypote	enuse-Leg Theorem
		G.	'' '	.,,,,,,,,,,	
G.6	Triangle Inequality Theorem				
	QUADR	RIL	Α .	ΓΕΓ	RALS
H.1	Classify quadrilaterals		H.6	Pro	perties of squares and rectangles
H.2	Graph quadrilaterals		H.7	Pro	perties of trapeziums
H.3	Properties of parallelograms		H.8		pperties of kites
					•
H.4	Proving a quadrilateral is a parallelogra	m	H.9	Rev	view: properties of quadrilaterals
H.5	Properties of rhombuses				
	РО	LΥ	G	O N	 S
1.1	Polygon vocabulary I.:				les of polygons
1.2	Interior angles of polygons I.				rior and exterior angles of polygons
1.2					<u> </u>
	AREA AN		T		
J.1	Perimeter	_	1.5		and circumference of circles
J.2	Area of rectangles and squares		1.6		of compound figures
J.3	Area of parallelograms and triangles	J	1.7	Area	between two shapes
J.4	Area of trapeziums	J	1.8	Area	and perimeter mixed review
		J	1.9	Hero	n's formula
	SURFACE AF	R E	A	A N	D V O L U M E
K.1	Introduction to surface area and volume	e	K.4	Volu	ume of prisms and cylinders
K.2	Surface area of prisms and cylinders		K.5	Volu	ume of cones
K.3	Surface area of cones				
K.5	Surface dred of cories		K.6		ace area and volume of spheres
			K.7	Surf	ace area and volume review
	С	I R	C L	E S	
L.1	Parts of a circle	L.6		Arcs o	and chords
L.2	Central angles	L.7	,	Tange	ent lines
L.3	Arc measure and arc length	L.8	3		eter of polygons with an inscribed circle
	Area of sectors				bed angles
L.4		L.9			
L.5	Circle measurements: mixed review	L.10	J		es in inscribed right triangles
		L.11		Angle	s in inscribed quadrilaterals
	C O N S 1	Γ R	U C	TI	O N S
M.1	Construct the midpoint or	M.3			ct a congruent angle
	perpendicular bisector of a segment	.,,			J
M.2	Construct an angle bisector	M.4	Co	nstruc	ct an equilateral triangle or regular hexago
				A - T - L	
	SOLVE		$\overline{}$		
N1	Model and solve equations using algebra		N.		Solve equations with variables on both sid
N.2	Write and solve equations that represent dic	ıgram	-		Solve equations: complete the solution
N.3	Solve one-step linear equations		N	.8 F	ind the number of solutions
N.4	Solve two-step linear equations		N		Create equations with no solutions or
N	Colvo advanced lineary and the		B 1		nfinitely many solutions Solve linear equations: word problems
N.5	Solve advanced linear equations		N.	IU S	Solve linear equations: word problems
			N	.11 S	Solve linear equations: mixed review
	DATAA	-NL-J	D6	• D	л р Ц С
		11			
0.1	Interpret bar graphs, line graphs and histograms		0.3	Inte	erpret pie charts
0.2	Create bar graphs, line graphs and		0.4	Inte	erpret stem-and-leaf plots
	histograms				·
	PROBLE	M	S	O L	VING

Class-X
MATHS

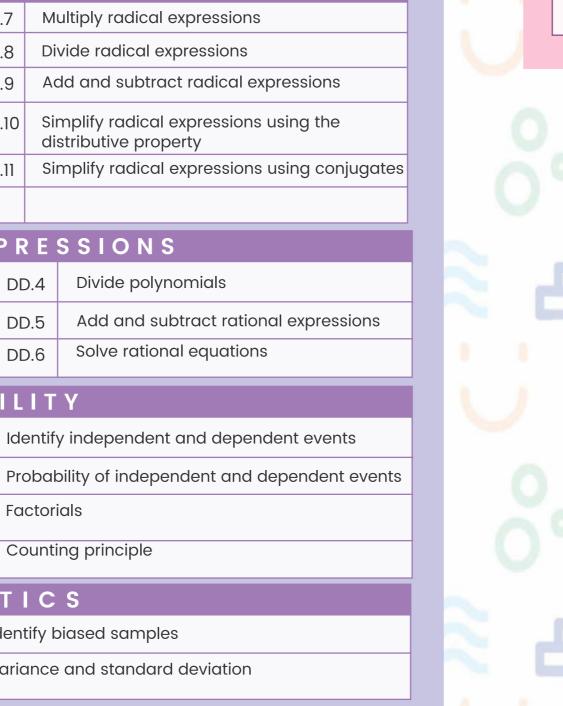
A.1	Number lines	UN	<b>ИВ</b>	<b>E R S</b> A.5	Prime factorisation	
A.2 A.3	Convert between decimals and fractio			A.6 A.7	Square roots  Cube roots	
A.4	Compare and order rational numbers					
B.1	Add, subtract, multiply and divide integ		AT	B.5	Multiply and divide rational numbers	
B.2	Evaluate numerical expressions involving integers	ng		В.6	Evaluate numerical expressions invol rational numbers	
B.3 B.4	Evaluate variable expressions involving  Add and subtract rational numbers	g inte	egers	B.7	Evaluate variable expressions involving rational numbers	
<i>D.</i> 1	CONSI	U M	I E R	M A	ATHS	
C.1	Simple interest  Compound interest			C.4 C.5	Find the percent: discount and mark  Multi-step problems with percents	
C.3	Percent of a number: VAT, discount and					
D.1	Identify linear equations	$\overline{}$	<b>Q U</b> D.11		IONS inear equations to solve word problems	
D.2	Find the slope of a graph  Find the slope from two points	_	D.12 D.13	Compare linear equations, graphs and tables  Write equations in standard form		
D.4 D.5	Find a missing coordinate using slope Slope-intercept form: find the slope	-	D.14 D.15		lard form: find x- and y-intercepts lard form: graph an equation	
D.6	and y-intercept Slope-intercept form: graph an equation	$\perp$	D.16		ions of horizontal and vertical lines	
D.7	Slope-intercept form: write an equation from a graph		D.17	Graph	n a horizontal or vertical line	
D.8	Slope-intercept form: write an equation  Slope-intercept form: write an equation	_	D.18 D.19	Write	an equation for a parallel or	
D.10	from a table  Slope-intercept form: write an equation	[	0.20	• •	he distance between a point and a line	
	from a word problem	[	0.21	Find t	he distance between two parallel lines	
E.1	PAIRS OF L  Is (x, y) a solution to the pair of equation		_		QUATIONS  d the number of solutions to a pair of equa	
E.2	Solve a pair of equations by graphing		E.6	So	lve a pair of equations using substitution	
E.3 E.4	Solve a pair of equations by graphing: word problems  Find the number of solutions to a pair		E.7	wo	lve a pair of equations using substitution ord problems lve a pair of equations using elimination	
T	of equations by graphing		E.8	Sol	lve a pair of equations using elimination:	
	M A	A T	RI		ord problems	
F.1 F.2	Matrix vocabulary  Matrix operation rules			F.3 F.4	Add and subtract matrices  Multiply a matrix by a scalar	
	A STATE OF STREET			F.4 F.5	Multiply two matrices	
	ARITHME	ГΙ	C			
G.1	Arithmetic sequences			G.3	Write variable expressions for arithmetic sequences	
G.2	Evaluate variable expressions for arithmetic sequences			G.4	Partial sums of arithmetic series	
H.1	POL Polynomial vocabulary		1 O I		L S s of monomials	
H.2	Model polynomials with algebra tiles  Add and subtract polynomials using	_	4.8 4.9	Multipl	y a polynomial by a monomial  ly two polynomials using algebra tiles	
H.4	algebra tiles  Add and subtract polynomials	_	H.10		oly two binomials	
H.5	Add polynomials to find perimeter  Multiply and divide monomials	+	H.112		oly two binomials: special cases	
п.о	F A C					
I.1 I.2	HCF of monomials  Factorise out a monomial			I.5 I.6	Factorise quadratics: special cases Factorise quadratics using algebra ti	
1.3	Factorise quadratics with leading coeff		nt 1	I.7 I.8	Factorise by grouping  Factorise polynomials	
1.4	coefficients		~ E		. ,	
J.1	Characteristics of quadratic equations			J.7	Solve a quadratic equation by complet the square	
J.2	Complete a table: quadratic equations	S		J.8	Solve a quadratic equation using the quadratic formula	
J3 J.4	Solve a quadratic equation using squa		oots	J.9 J.10	Using the discriminant  Graph a quadratic equation	
J.5	product property  Solve a quadratic equation by factoris			J.11	Match quadratic functions and graphs	
J.6	Complete the square					
K.1	RATIONA Simplify complex fractions	L		K.4	Divide polynomials	
K.2	Simplify rational expressions  Multiply and divide rational expressions	s		K.5 K.6	Add and subtract rational expression  Solve rational equations	
	POINTS, LIN	E S	Α		I	
L.1 L.2	Lines, line segments and half lines  Lengths of segments on number lines			L.5 L.6	Congruent line segments  Perpendicular Bisector Theorem	
L.3 L.4	Additive property of length  Midpoints			L7	Midpoint formula  Distance formula	
N 4 3	T W O - D I M E I	N S				
M.1 M.2	Polygon vocabulary  Perimeter		N	1.6	Area and perimeter in the coordinate plan  Area and circumference of circles	
M.3 M.4	Area of triangles and quadrilaterals  Area and perimeter in the coordinate p	olane	-		Area of compound figures  Area between two shapes	
	TRANS	FC			Area and perimeter of similar figures	
N.1 N.2	Translations: find the coordinates		N.6	Tran	sformations that carry a polygon onto it	
N.2 N.3	Reflections: find the coordinates  Rotations: find the coordinates		N.7 N.8		ions: graph the image ions: find the coordinates	
N.4 N.5	Congruence transformations  Compositions of congruence		N.9 N.10		ions: scale factor and classification	
	transformations: graph the image			FLES		
0.1	Classify triangles	O.5	Ic	lentify n	nedians, altitudes, angle bisectors pendicular bisectors	
0.2	Triangle Angle-Sum Theorem	0.6	А	ngle-si	de relationships in triangles	
O.3 O.4	Midsegments of triangles  Triangles and bisectors	0.7		ungle	Inequality Theorem	
D1		MI	$\overline{}$	RIT		
P.1 P.2	Identify similar figures Similarity ratios		P.6		rimeters of similar figures milarity rules for triangles	
P.3 P.4	Similarity statements Side lengths and angle measures in		P.8		milar triangles and similarity transformations: scale factor and classification	
P.5	similar figures  Similar triangles and indirect measurer	men			eas of similar figures	
	RIGHT	Т	RI	AN	GLES	
Q.1 Q.2	Pythagoras' Theorem  Converse of Pythagoras' theorem	Q. Q.	_		oras' Inequality Theorems I right triangles	
	C		RCI	ES		
R.1 R.2	Parts of a circle  Central angles		R.6		cs and chords ingent lines	
R.3 R.4	Arc measure and arc length  Area of sectors		R.8		erimeter of polygons with an inscribed cir scribed angles	
R.5	Circle measurements: mixed review		R.1		ngles in inscribed right triangles	
	TRIG	0			RY	
S.1 S.2	Trigonometric ratios: sin, cos and tan  Trigonometric ratios: csc, sec and cot			S.6 S.7	Inverses of trigonometric functions  Trigonometric ratios: find a side lengt	
S.3	Trigonometric functions of complemer angles	ntary		S.8	Trigonometric ratios: find an angle measure	
S.4	Find trigonometric functions of special			S.9	Solve a right triangle	
S.5	Find trigonometric functions using a co	alcul	ator			
S.5	SURFACE A	R E		AND		
		R E		<b>A N  T.6 T.7</b>	Surface area and volume of spheres Introduction to similar solids	

R.2	Central angles	R.7	Та	ngent lines	
R.3	Arc measure and arc length	R.8	Pe	rimeter of polygons with an insc	
R.4	Area of sectors	R.9	Ins	cribed angles	
R.5	Circle measurements: mixed review	An	Angles in inscribed right triangles		
		An	gles in inscribed quadrilaterals		
	TRIGON	ΛΕΤ	RY		
S.1	Trigonometric ratios: sin, cos and tan		S.6	Inverses of trigonometric fun	
S.2	Trigonometric ratios: csc, sec and cot		S.7	Trigonometric ratios: find a s	
S.3	Trigonometric functions of complementary angles		S.8	Trigonometric ratios: find an measure	
S.4	Find trigonometric functions of special angle	S	S.9	Solve a right triangle	
S.5	Find trigonometric functions using a calculat	tor			
	SURFACE ARE	A A	NC	VOLUME	
T.l	Introduction to surface area and volume		T.6	Surface area and volume of	
T.2	Surface area of prisms and cylinders		T.7	Introduction to similar solids	
Т.3	Surface area of cones		T.8	Surface area and volume of	
T.4	Volume of prisms and cylinders	T.9	Surface area and volume of		

T.3	Surface area of cones		T.8	Surface area and volume of similar solids				
T.4	Volume of prisms and cylinders		T.9	Surface area and volume of similar solids				
T.5	Volume of cones							
MEASUREMENT								
	IVIEASUR	KEI	VI E	IN I				
U.1	Convert rates and measurements	U.4	N	Minimum and maximum area and volume				
U.2	Precision	U.5	F	Percent error				
U.3	Greatest possible error	U.6	F	Percent error: area and volume				
	PROBLEM	) L \	/ I N G					
V.1	Convert rates and measurements	V.3	١	Minimum and maximum area and volume				
V.2	Precision	V.4	. F	Percent error				
	LOG	FIC						
W.1	Identify hypotheses and conclusions		W.5	Conditionals				
W.2	Counterexamples		W6	Negations				

	W.3	Truth tables		W	<i>1</i> .7	Converses, inverses and contrapositives						
	W.4	Truth values			/.8	Biconditionals						
	PROBABI					Υ						
	X.1	Theoretical probability	X.4	Ide	entif	y independent and dependent events						
	X.2	Experimental probability X.5			Probability of independent and dependent events							
	X.3	Compound events: find the X6 number of outcomes			Geometric probability							
		X.7			ount	ing principle						
_		CTA	TIC	T 1	<u> </u>							
		STA	112	11	C :							
	Y.1	Mean, median, mode and range		Y.3	Ic	dentify biased samples						
	Y.2	Quartiles										
		DATA A	N D	DATA AND GRAPHS								

DATA AND GRAPHS								
Z.1 Interpret histograms			-	Z.3	Interpret stem-and-leaf plots			
z.2 Create histograms								
CONSTRUCTIONS								
AA.1	Construct a tangent line to a circle	AA.3	Cor	nstruc	ct a regular hexagon inscribed in a circle			
AA.2	Construct an equilateral triangle inscribed in a circle	AA.4 Construct the			ct the circumcenter or incenter of a triangle			



Construct the inscribed or circumscribed circle of a triangle

Identify properties of logarithms

Convert between standard and

Compare numbers written in

scientific notation

scientific notation

Identify monomials

Multiply monomials

Polynomial vocabulary

algebra tiles

HCF of monomials

coefficients

Roots of integers

Nth roots

Roots of rational numbers

Simplify complex fractions

Theoretical probability

Quartiles

Experimental probability

Mean, median, mode and range

Simplify rational expressions

Find roots using a calculator

AA.2

BB.1

BB.2

BB.3

CC.3

CC.4

CC.5

DD.1

DD.2

EE.1

Factorise out a monomial

Model polynomials with algebra tiles

Add and subtract polynomials using

Add and subtract polynomials

Add polynomials to find perimeter

Multiply a polynomial by a monomial

Factorise quadratics with leading coefficient 1

Factorise quadratics with other leading

Characteristics of quadratic equations

Complete a table: quadratic equations

Solve a quadratic equation using square roots

Simplify radical expressions with variables I

Simplify radical expressions with variables II

Multiply and divide rational expressions

SCIENTIFIC

W.9

MONOMIALS

POLYNOMIALS

Z.8

Z.9

Z.10

Z.11

Z.12

FACTORISING

QUADRATIC EQUATIONS

RADICAL EXPRESSIONS

CC.7

CC.8

CC.9

CC.11

DD.4

DD.5

DD.6

Identify biased samples

Variance and standard deviation

RATIONAL EXPRESSIONS

PROBABILITY

STATISTICS

EE.4

**EE.5** 

AA.6

AA.7

8.AA

BB.4

BB.5

BB.6

NOTATION

Divide monomials

Powers of monomials

Multiply and divide monomials

Multiply two binomials

Multiply polynomials

Multiply numbers written in scientific notation

Divide numbers written in scientific notation

Properties of logarithms: mixed review

Multiply two polynomials using algebra tiles

Multiply two binomials: special cases

Find the roots of factorised polynomials

Factorise quadratics: special cases

Factorise quadratics using algebra tiles

Solve a quadratic equation using the

Solve a quadratic equation using the

Solve a quadratic equation by factorising

Write a polynomial from its roots

Factorise by grouping

Factorise polynomials

zero product property

quadratic formula

Multiply radical expressions

Divide radical expressions

Divide polynomials

Solve rational equations

Identify independent and dependent events

distributive property

Add and subtract radical expressions

Simplify radical expressions using the

Add and subtract rational expressions

Evaluate logarithms: mixed review