

Table of Contents

Lesson 1	Thinking About Math	4
Lesson 2	Problem-Solving Strategies	8
Lesson 3	Real Numbers	10
Lesson 4	Place Value	12
Lesson 5	Exponents	14
Lesson 6	Scientific Notation	16
Lesson 7	Add and Subtract Integers	18
Lesson 8	Multiply and Divide Integers	20
Lesson 9	Percents	22
Lesson 10	Order of Operations	24
Lesson 11	Constructed Response Questions	26
REVIEW A	Number, Number Sense and Operations	28
Lesson 12	Triangles & Parallelograms	30
Lesson 13	Area of Trapezoids	32
Lesson 14	Area of Circles	34
Lesson 15	Rectangular Prisms	36
Lesson 16	Cylinders	38
Lesson 17	Convert Measures	40
Lesson 18	Proportional Measures	42
REVIEW B	Measurement	44
Lesson 19	Polygons	46
Lesson 20	Triangles	48
Lesson 21	Similar and Congruent Figures	50
Lesson 22	Pythagorean Theorem	52
Lesson 23	Symmetry	54
Lesson 24	Transformations	56
Lesson 25	Dilations	58
Lesson 26	Solid Figures	60
Lesson 27	Views of Solid Figures	62
REVIEW C	Geometry	64
Lesson 28	Patterns	66

ACADEMIC CONTENT STANDARDS

Mathematical Process
 Mathematical Process
 N.3.B
 N.1.H, N.2.H
 N.9.I
 N.1.H, N.2.H
 N.5.H, N.5.I, N.6.F, N.8.H,
 N.8.I, N.9.H, N.9.I
 N.5.H, N.5.I, N.6.F, N.8.H,
 N.8.I
 N.7.B, N.7.H, N.7.I, N.8.H,
 N.8.I
 N.4.E, N.6.E
 N.4.E, N.7.B, N.7.H, N.7.I,
 N.8.H, N.8.I
 N.1.H, N.7.B, N.7.H, N.7.I,
 N.8.H, N.8.I, N.9.I
 M.5.C, M.5.E, M.7.C, M.7.E,
 P.8.J
 M.6.C, M.6.E, M.7.C, M.7.E,
 P.8.J
 M.5.C, M.5.E, M.7.C, M.7.E,
 P.8.J
 M.5.C, M.5.E, M.6.C, M.6.E,
 M.8.G, M.9.F, P.8.J
 M.5.C, M.5.E, M.6.C, M.6.E,
 M.9.F, P.8.J
 M.2.B, M.4.B
 M.1.A, M.2.B, M.4.E, M.5.E
 M.5.C, M.5.E, M.6.C, M.6.E,
 M.7.C, M.7.E, M.8.G, P.8.J
 G.2.D
 G.2.D, G.3.G
 G.1.E, G.1.F, G.1.J, G.4.E,
 G.4.F, G.4.J, G.5.E, G.5.F,
 G.5.G, G.6.E, G.6.F, G.6.J
 G.3.G, P.8.J
 G.7.F
 G.8.C, G.8.H
 G.8.C, G.8.H
 G.2.D
 G.9.I
 G.1.E, G.1.F, G.1.J, G.3.G,
 G.5.E, G.5.F, G.5.G, G.6.E,
 G.6.F, G.6.J, G.9.I, P.8.J
 P.1.A, P.1.B, P.1.D, P.1.E,
 P.2.A, P.2.B, P.2.E, P.3.A,
 P.3.B, P.3.D, P.9.D

Table of Contents

Lesson 29	Simplify Expressions	68
Lesson 30	Solve Equations	70
Lesson 31	Graph Linear Equations	72
Lesson 32	Inequalities	74
Lesson 33	Functions	76
Lesson 34	Graph Functions	78
REVIEW D	Patterns, Functions and Algebra	80
Lesson 35	Central Tendency	82
Lesson 36	Histograms	84
Lesson 37	Line Graphs	86
Lesson 38	Circle Graphs	88
Lesson 39	Stem-and-Leaf Plots	90
Lesson 40	Box-and-Whisker Plots	92
Lesson 41	Manipulate Data	94
Lesson 42	Probability	96
Lesson 43	Experimental Probability	98
REVIEW E	Data Analysis and Probability	100
Practice Achievement Test 1	102
Practice Achievement Test 2	124
Glossary	146

ACADEMIC CONTENT STANDARDS

P.7.G, P.9.G
P.4.C, P.4.I, P.9.C
P.5.C, P.5.D, P.5.F, P.5.H,
P.5.K, P.9.C, P.9.D, P.9.H
P.6.C, P.6.D, P.6.H, P.6.K,
P.9.C, P.9.D, P.9.H
P.1.A, P.1.B, P.1.D, P.1.E,
P.1.F, P.1.L, P.2.A, P.2.B,
P.2.D, P.2.E, P.9.D
P.1.A, P.1.B, P.1.D, P.1.E,
P.1.F, P.1.L, P.3.B, P.3.D,
P.9.D, P.10.L, P.11.L, P.11.M
P.1.A, P.1.B, P.1.D, P.1.E,
P.1.F, P.1.L, P.3.B, P.3.D,
P.5.C, P.5.D, P.5.F, P.5.H,
P.5.K, P.9.C, P.9.D, P.9.H
D.3.F
D.1.A, D.1.B, D.1.E, D.2.A,
D.2.E
D.1.A, D.1.B, D.1.D, D.1.E,
D.2.A, D.2.E, D.3.F
D.1.A, D.1.C, D.1.E
D.1.A, D.1.B, D.1.E, D.3.F
D.1.A, D.1.B, D.1.E, D.3.F
D.3.F, D.5.B, D.5.C, D.5.G,
D.6.A, D.6.B, D.6.E, D.6.G
D.7.I
D.7.I, D.8.J, D.8.K
D.1.A, D.1.B, D.1.D, D.1.E,
D.2.A, D.4.A, D.4.G, D.7.I,
D.8.J, D.8.K

ACADEMIC CONTENT STANDARDS: Abbreviations

N = Number, Number Sense and Operations
M = Measurement
G = Geometry and Spatial Sense
P = Patterns, Functions and Algebra
D = Data Analysis and Probability

