



Finish Line Georgia Milestones Math

Grade 8 Crosswalk

Unit/Lesson	Title	Math Georgia Standards of Excellence (GSE)	Georgia's K–12 Math Standards (new)
UNIT 1	BIG IDEAS FROM GRADE 7		
Lesson 1	Understanding Proportional Relationships	MGSE7.RP.2a–2d	7.PAR.4
Lesson 2	Operations with Rational Numbers	MGSE7.NS.1d, 2c	7.NR.1
Lesson 3	Angle Relationships	MGSE7.G.5	7.GSR.5
Lesson 4	Scale and Scale Drawings	MGSE7.G.1	7.PAR.4
UNIT 2	THE NUMBER SYSTEM		
Lesson 5	Understanding Rational and Irrational Numbers	MGSE8.NS.1	8.NR.1
Lesson 6	Irrational Numbers	MGSE8.NS.2	8.NR.1
UNIT 3	EXPRESSIONS AND EQUATIONS		
Lesson 7	Laws of Exponents	MGSE8.EE.1	8.NR.2
Lesson 8	Scientific Notation	MGSE8.EE.3	8.NR.2
Lesson 9	Operations with Scientific Notation	MGSE8.EE.4	8.NR.2
Lesson 10	Radicals	MGSE8.EE.2	8.NR.2
Lesson 11	Proportional Relationships	MGSE8.EE.5	8.PAR.4
Lesson 12	Linear Relationships	MGSE8.EE.6	8.PAR.4
Lesson 13	Solving Linear Equations	MGSE8.EE.7a, 7b	8.PAR.4
Lesson 14	Understanding Systems of Equations	MGSE8.EE.8a, 8b	8.FGR.7
Lesson 15	Solving Systems of Equations	MGSE8.EE.8b	8.FGR.7
Lesson 16	Solving Problems Using Systems of Equations	MGSE8.EE.8c	8.FGR.7
UNIT 4	FUNCTIONS		
Lesson 17	Understanding Functions	MGSE8.F.1	8.FGR.5
Lesson 18	Linear Functions	MGSE8.F.3, 4	8.FGR.5
Lesson 19	Graphs of Functions	MGSE8.F.3, 5	8.FGR.5
Lesson 20	Comparing Functions	MGSE8.F.2	8.FGR.5

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UNIT 5	GEOMETRY		
Lesson 21	Translations	MGSE8.G.1, 3	G.GSR.3
Lesson 22	Reflections	MGSE8.G.1, 3	G.GSR.3
Lesson 23	Rotations	MGSE8.G.1, 3	G.GSR.3
Lesson 24	Dilations	MGSE8.G.3	G.GSR.5
Lesson 25	Congruent Figures	MGSE8.G.2	G.GSR.4
Lesson 26	Similar Figures	MGSE8.G.4	G.GSR.5
Lesson 27	Angles Relationships	MGSE8.G.5	G.GSR.4
Lesson 28	Understanding the Pythagorean Theorem	MGSE8.G.6	8.GSR.8
Lesson 29	Using the Pythagorean Theorem	MGSE8.G.7	8.GSR.8
Lesson 30	Finding Distance Between Two Points	MGSE8.G.8	8.GSR.8
Lesson 31	Volume	MGSE8.G.9	8.GSR.8
UNIT 6	STATISTICS AND PROBABILITY		
Lesson 32	Scatter Plots	MGSE8.SP.1	8.FGR.6
Lesson 33	Lines of Best Fit	MGSE8.SP.2	8.FGR.6
Lesson 34	Solving Problems Using Bivariate Measurement Data	MGSE8.SP.3	8.FGR.6
Lesson 35	Two-Way Tables	MGSE8.SP.4a, 4b	8.FGR.6