7ᵗʰ Grade Math Learning Goals

#	Learning Goal	Standard(s)
7-1*	Apply and extend previous understandings of operations with fractions to add, subtract, multiply, and divide rational numbers.	7.NS.1.1 7.NS.1.2 7.NS.1.3
7-2*	Analyze proportional relationships and use them to solve real-world and mathematical problems.	7.RP.1.1 7.RP.1.2 7.RP.1.3
7-3*	Use properties of operations to generate equivalent expressions.	7.EE.1.1 7.EE.1.2
7-4	Solve real-life and mathematical problems using numerical and algebraic expressions and equations.	7.EE.2.3 7.EE.2.4
7-5	Draw, construct, and describe geometrical figures and describe the relationships between them.	7.G.1.1 7.G.1.2 7.G.1.3
7-6	Solve real-life and mathematical problems involving angle measure.	7.G.2.5
7-7	Solve real-life and mathematical problems involving area, surface area, and volume.	7.G.2.4 7.G.2.6
7-8	Use random sampling to draw inferences about a population.	7.SP.1.1 7.SP.1.2
7-9	Draw informal comparative inferences about two populations.	7.SP.2.3 7.SP.2.4
7-10	Investigate chance processes and develop, use, and evaluate probability models.	7.SP.3.5 7.SP.3.6 7.SP.3.7 7.SP.3.8

*This learning goal is covered in sixth grade in the Advanced Math 1 course.