

Resources

Days	TAKS Objective	TEKS: Student Expectation	Instructional Considerations	Prentice Hall	Supplemental Resources	Performance Benchmark Assessments	A&M Curriculum
8	1,2,3,4	<p><b>A1C</b> describe functional relationships for given problem situations and write equations or inequalities to answer questions arising from the situations;</p> <p><b>A7A</b> analyze situations involving linear functions and formulate linear equations or inequalities to solve problems;</p> <p><b>A7B</b> investigate methods for solving linear equations and inequalities using concrete models, graphs, and the properties of equality, select a method, and solve the equations and inequalities;</p> <p><b>A7C</b> interpret and determine the reasonableness of solutions to linear equations and inequalities.</p>	<ul style="list-style-type: none"> <li>Students must be able to translate between different representations of functions (concrete, pictorial, verbal, symbolic)</li> <li>Review inequalities, equations, and graphing</li> </ul>	Ch 4-3,3-7,3-8	<ul style="list-style-type: none"> <li>Hull Pressure</li> <li>Speeding Cars</li> <li>Nested Rectangles</li> </ul>	<ul style="list-style-type: none"> <li>Charlie's Law</li> <li>Distance from the Center of the Earth</li> </ul>	
12	2,3,4	<p><b>A4A</b> find specific function values, simplify polynomial expressions, transform and solve equations, and factor as necessary in problem situations;</p> <p><b>A8A</b> analyze situations and formulate systems of linear equations in two unknowns to solve problems</p> <p><b>A8B</b> solve systems of linear equations using concrete models, graphs, tables, and algebraic methods</p> <p><b>A8C</b> interpret and determine the reasonableness of solutions to systems of linear equations</p>	<ul style="list-style-type: none"> <li>Students must be able to interpret solutions to systems, and determine the reasonableness of answers.</li> <li>Students must be able to solve "skill" problems as well as <u>application</u> problems.</li> <li>Solve systems of equations by graphing</li> <li>Solve systems by substitution and linear combination</li> <li>Write systems of equations</li> </ul>	Ch 6-1 to 6-4	<ul style="list-style-type: none"> <li><b>The Walk</b></li> <li><b>Summer Money</b></li> <li>Revisit Hot Air Balloon</li> <li>Valentine's Day</li> <li>Making Cookies</li> <li>9<sup>th</sup> TAKS Prep Systems of Equations Lesson p.181-183</li> </ul>	<ul style="list-style-type: none"> <li>Joining the Gym</li> <li>Chi and Daniel</li> <li>Pep Club</li> <li>Jack and Jill</li> <li>Gourmet Jelly Beans</li> <li>Jackie and Tamika</li> <li>Movie Theatre</li> <li>Drama Class</li> <li></li> </ul>	F Unit 8 F Unit 9

4	8	<b>A11A</b> use patterns to generate the laws of exponents and apply them in problem-solving situations;	<ul style="list-style-type: none"> <li>• Use a <u>discovery activity</u> to determine the laws of exponents, including zero and negative exponents</li> <li>• Solve application problems involving scientific notation</li> </ul>	Ch 8-4 to 8-8	<ul style="list-style-type: none"> <li>• 9<sup>th</sup> TAKS Prep Laws of Exponents p.200-204</li> </ul>		S2-3 S3-1 S3-2
3		Review <b>6 weeks Cumulative Assessment</b>					