

**Third Quarter Learning Targets**  
**Algebra I PreAP**

Name \_\_\_\_\_

Period \_\_\_\_\_

	<b>Learning Target</b>	<b>Study Guide</b> (solutions in Google Drive)	<b>Notes for Celebration / Notes for Improvement</b>
6D	(6-5) Write systems of equations for real-world situations, then choose an appropriate method for solving the system; solve systems of equations using graphing calculator; solve equations in one variable by graphing	SG: 41-50 PT: 15-19	
		Progress: 1 <sup>st</sup> ____ 2 <sup>nd</sup> ____ 3 <sup>rd</sup> ____	
6E	(6-6) Graph the solution set for systems of inequalities	SG: 7, 8, 51-55 PT: 20-23	
		Progress: 1 <sup>st</sup> ____ 2 <sup>nd</sup> ____ 3 <sup>rd</sup> ____	
7A	(7-1 & 7-2 & 7-4) Simplify monomial expressions using the multiplication and division properties of exponents, including negative exponents; multiply and divide numbers in scientific notation	SG: 1-2, 5, 11-28, 39-41 PT: 1-6, 18-24	
		Progress: 1 <sup>st</sup> ____ 2 <sup>nd</sup> ____ 3 <sup>rd</sup> ____	
7B	(7-3) Evaluate and rewrite expressions involving rational exponents; solve equations involving expressions with rational exponents	SG: 3-4, 8, 10, 29-38 PT: 7-17	
		Progress: 1 <sup>st</sup> ____ 2 <sup>nd</sup> ____ 3 <sup>rd</sup> ____	

7C	(7-5) Graph exponential functions using a table or transformations and identify asymptotes, $y$ -intercept, domain and range; decide if a relation is exponential	SG: 6, 42-46 PT: 25-27	
		Progress: 1 <sup>st</sup> ____ 2 <sup>nd</sup> ____ 3 <sup>rd</sup> ____	
7D	(7-6) Write equations for situations involving exponential growth and decay; use the equations and graphs to solve real-world problems; use technology to write exponential regression equations	SG: 9, 47-48 PT: 31-32	
		Progress: 1 <sup>st</sup> ____ 2 <sup>nd</sup> ____ 3 <sup>rd</sup> ____	
7E	(7-7) Recognize geometric sequences and write equations for them using the common ratio	SG: 7, 49-55 PT: 28-30	
		Progress: 1 <sup>st</sup> ____ 2 <sup>nd</sup> ____ 3 <sup>rd</sup> ____	
7F	(7-8) Use a recursive formula to list terms in a sequence; write recursive formulas for arithmetic and geometric sequences	SG: 56-60 PT: 33-34	
		Progress: 1 <sup>st</sup> ____ 2 <sup>nd</sup> ____ 3 <sup>rd</sup> ____	
8A	(8-1) Write polynomials in standard form and identify polynomials by its degree and number of terms; add and subtract polynomials	SG: 3, 8, 11-18 PT: 1-2	
		Progress: 1 <sup>st</sup> ____ 2 <sup>nd</sup> ____ 3 <sup>rd</sup> ____	

8B	(8-2) Multiply polynomials by monomials; solve equations involving the products of polynomials and monomials	SG: 19-22 PT: 4, 11-12	
		Progress: 1 <sup>st</sup> ____ 2 <sup>nd</sup> ____ 3 <sup>rd</sup> ____	
8C	(8-3 & 8-4) Multiply polynomials using the distributive property and the FOIL method; recognize special multiplication patterns (perfect squares and difference of squares)	SG: 7, 9-10, 23-34 PT: 3, 5-8	
		Progress: 1 <sup>st</sup> ____ 2 <sup>nd</sup> ____ 3 <sup>rd</sup> ____	
8D	(8-5) Factor polynomials into a monomial and polynomial; factor polynomials with four terms using factoring by grouping; solve quadratic equations using these factoring methods and the zero product property	SG: 1, 5-6, 35-45 PT: 13-19	
		Progress: 1 <sup>st</sup> ____ 2 <sup>nd</sup> ____ 3 <sup>rd</sup> ____	
8E	(8-6 & 8-7) Factor polynomials in the form $ax^2 + bx + c$ using factoring by grouping or reverse FOIL; solve quadratic equations using these factoring methods and the zero product property	SG: 4, 46-64 PT: 10, 21-24, 29-32	
		Progress: 1 <sup>st</sup> ____ 2 <sup>nd</sup> ____ 3 <sup>rd</sup> ____	
8F	(8-8 & 8-9) Factor polynomials using special patterns (perfect squares and difference of squares); solve quadratic equations involving these special patterns; solve quadratic equations using the square root property	SG: 2, 65-84 PT: 20, 25-28, 33	
		Progress: 1 <sup>st</sup> ____ 2 <sup>nd</sup> ____ 3 <sup>rd</sup> ____	

- Each learning target will be assessed the week it is taught. It will be assessed again at least one more time a week or two later.
  - If the last grade for a learning target is the highest grade for that learning target, then that will be the grade for the learning target (replacing any lower grades in the grade book).
  - If the last grade is not the highest grade for that learning target, then the most recent grade will be averaged with the existing grade.
  - Parents may be notified when a score of 0 or 1 is earned on any learning target.

Score Conversions:

Target Score	0	0.5	1	1.5	2	2.5	3	3.5	4	4.5	5	5.5	6
Percent	40	45	50	55	60	65	70	75	80	85	90	95	100