

# Review Lessons Chart

NAME:

## Readiness & Review for Algebra 2: Advanced Algebra

- Circle every number in the *Readiness Check Problem #* column that you circled on your student's completed Readiness Check.
- The *Review Lessons* that correspond to the circled problem numbers are recommended for your student.

Readiness Check Problem #	Review Lesson	Objectives	Algebra 1: Principles of Secondary Mathematics
1	1 Multi-Step Equations	<ul style="list-style-type: none"> <li>■ Solve multi-step equations.</li> </ul>	Lesson 2
2	2 Solving Literal Equations	<ul style="list-style-type: none"> <li>■ Solve a formula for the indicated variable.</li> </ul>	Lesson 2
3	8 Exponent Rules	<ul style="list-style-type: none"> <li>■ Simplify expressions with exponent rules.</li> </ul>	Lessons 19, 28
4	9 Simplifying Radicals	<ul style="list-style-type: none"> <li>■ Simplify square root and cube root expressions.</li> </ul>	Lesson 29
5	3 Graphing Linear Inequalities on a Coordinate Plane	<ul style="list-style-type: none"> <li>■ Graph a linear inequality.</li> <li>■ Graph a system of linear inequalities.</li> </ul>	Lesson 15
6	11 Domain and Range	<ul style="list-style-type: none"> <li>■ Name the domain and range from a relation, table, or graph.</li> <li>■ Determine if a function exists from the domain and range.</li> </ul>	Lesson 7
7	5 Simplifying Polynomial Expressions	<ul style="list-style-type: none"> <li>■ Simplify polynomial expressions.</li> <li>■ Classify polynomial expressions.</li> </ul>	Lesson 20
8	5 Simplifying Polynomial Expressions	<ul style="list-style-type: none"> <li>■ Simplify polynomial expressions.</li> <li>■ Classify polynomial expressions.</li> </ul>	Lesson 20
9	2 Solving Literal Equations	<ul style="list-style-type: none"> <li>■ Solve a formula for the indicated variable.</li> </ul>	Lesson 2
10	1 Multi-Step Equations	<ul style="list-style-type: none"> <li>■ Solve multi-step equations.</li> </ul>	Lesson 2
11	6 Factoring	<ul style="list-style-type: none"> <li>■ Factor out the greatest common factor.</li> <li>■ Factor by grouping.</li> <li>■ Factor special patterns.</li> </ul>	Lessons 21–24
	7 Factoring Completely	<ul style="list-style-type: none"> <li>■ Factor a polynomial expression completely.</li> </ul>	Lessons 21–24
12	8 Exponent Rules	<ul style="list-style-type: none"> <li>■ Simplify expressions with exponent rules.</li> </ul>	Lessons 19, 28

Readiness Check Problem #	Review Lesson	Objectives	Algebra 1: Principles of Secondary Mathematics
13	10 Functions	<ul style="list-style-type: none"> <li>Determine if a graph is a function.</li> <li>Write equations in terms of <math>y</math> or <math>f(x)</math>.</li> </ul>	Lesson 7
14	12 Describing Parabolas	<ul style="list-style-type: none"> <li>Write a quadratic equation in vertex form.</li> <li>Describe the transformation of a parabola.</li> </ul>	Lesson 27
15	4 Solving Systems of Equations Algebraically	<ul style="list-style-type: none"> <li>Solve a system of equations using substitution or elimination.</li> </ul>	Lesson 16
16	10 Functions	<ul style="list-style-type: none"> <li>Determine if a graph is a function.</li> <li>Write equations in terms of <math>y</math> or <math>f(x)</math>.</li> </ul>	Lesson 7
17	6 Factoring	<ul style="list-style-type: none"> <li>Factor out the greatest common factor.</li> <li>Factor by grouping.</li> <li>Factor special patterns.</li> </ul>	Lessons 21–24
	7 Factoring Completely	<ul style="list-style-type: none"> <li>Factor a polynomial expression completely.</li> </ul>	Lessons 21–24
18	9 Simplifying Radicals	<ul style="list-style-type: none"> <li>Simplify square root and cube root expressions.</li> </ul>	Lesson 29
19	12 Describing Parabolas	<ul style="list-style-type: none"> <li>Write a quadratic equation in vertex form.</li> <li>Describe the transformation of a parabola.</li> </ul>	Lesson 27
20	4 Solving Systems of Equations Algebraically	<ul style="list-style-type: none"> <li>Solve a system of equations using substitution or elimination.</li> </ul>	Lesson 16