3.1 To solve two-step equations (MA.A1.2.1; MA.A1.2.6); To use deductive reasoning (MA.A1.9.3)

3.2 To use the distributive property when combining like terms and solving equations (MA.A1.2.1; MA.A1.2.6)

3.3 To solve equations with variables on both sides (MA.A1.2.1; MA.A1.2.6); To identify equations that are identities or have no solution (MA.A1.2.1)

3.4 To find ratios and rates (MA.A1.1.5; MA.A1.2.1; MA.A1.2.6); To solve proportions (MA.A1.7.2)

3.6 To define a variable in terms of another variable (MA.A1.2.2); To model distance-rate-time problems (MA.A1.2.6)

4.1 To identify solutions of inequalities (MA.A1.2.3)

4.2 To use addition and subtraction to solve inequalities (MA.A1.2.4)

4.3 To use multiplication and division to solve inequalities (MA.A1.2.4)

4.4 To solve multi-step inequalities with variables on one side and both sides (MA.A1.2.4)

4.5 To solve and graph inequalities containing “and” and “or” (MA.A1.2.5)

5.1 To interpret, sketch, and analyze graphs from situations (MA.A1.3.1, MA.A1.3.2)

5.2 To identify relations and functions; To evaluate functions (MA.A1.3.3, MA.A1.3.4)

5.3 To model functions using rules, tables, and graphs (MA.A1.3.3, MA.A1.4.1)

6.1 To find rates of change from tables and graphs; To find slope (MA.A1.4.2)

6.2 To write linear equations in slope-intercept form; To graph linear equations (MA.A1.4.1, MA.A1.4.2, MA.A1.4.3)

6.3 To interpret linear graphs (MA.A1.4.5)

6.4 To graph equations using intercepts; To write equations in standard form (MA.A1.4.1, MA.A1.4.2)

6.5 To graph and write linear equations using point-slope form (MA.A1.4.4)

6.6 To determine whether lines are parallel or perpendicular (MA.A1.4.4)

7.1 To find a solution to a system of linear equations by graphing; To solve word problems using systems of linear equations (MA.A1.5.1, MA.A1.5.6)

7.2 To find a solution to a system of linear equations by the substitution method; To solve word problems using systems of linear equations (MA.A1.5.3, MA.A1.5.6)

7.3 To find a solution to a system of linear equations by the elimination method; To solve word problems using systems of linear equations (MA.A1.5.4, MA.A1.5.5, MA.A1.5.6)

7.5 To graph a linear inequality in two variables (MA.A1.4.6)

7.6 To find a solution to a system of linear inequalities by graphing (MA.A1.5.2)

9.1 To add and subtract polynomials (MA.A1.6.1)

9.2 To multiply a polynomial; To factor a monomial from a polynomial (MA.A1.6.2, MA.A1.6.6)

9.3 To multiply binomials using FOIL; To multiply trinomials by binomials (MA.A1.6.4)

9.4 To find the square of a binomial; To find the difference of squares (MA.A1.6.4)

9.5 To factor trinomials (MA.A1.6.7)