

Advanced Pre-Algebra Unit B IXL Links
(Ch. 3 & 4 - Expressions, Equations and Inequalities)

I can simplify algebraic expressions.

[*R. Simplify expressions by combining like terms: with algebra tiles PCU*](#)

[*R. Simplify expressions by combining like terms JJG*](#)

[*R.13 Write equivalent expressions using properties 6XR*](#)

I can expand algebraic expressions.

[*R.11 Multiply using the distributive property: area models J8K*](#)

[*R.12 Multiply using the distributive property NUY*](#)

I can factor algebraic expressions.

[*R. Factor linear expressions: area models QRL*](#)

[*R.16 Factors of linear expressions J9G*](#)

I can solve algebraic equations and check my solution.

[*S. Solve two-step equations without parentheses CMX*](#)

[*S.7 Solve two-step equations QEB*](#)

[*Y.15 Solve multi-step equations 55K*](#)

[*Y.12 Solve equations with variables on both sides ZYL*](#)

[*Y.14 Solve equations with the distributive property 8RP*](#)

[*Y.13 Solve equations with variables on both sides: fractional coefficients UEM*](#)

[*Y.16 Solve multi-step equations with fractional coefficients 2AZ*](#)

[*Y.17 Solve equations: mixed review HZZ*](#)

I can solve rational equations.

I can solve and classify algebraic equations.

[*Y.19 Find the number of solutions XDE*](#)

[*Y.20 Create equations with no solutions or infinitely many solutions 7TY*](#)

I can solve real life problems using an equation.

[*S. Choose two-step equations: word problems 8NH*](#)

[*S.8 Solve two-step equations: word problems D2Y*](#)

I can solve inequalities and graph the solution.

[*I can solve inequalities*](#)

[*I can solve 1 step word problems with inequalities*](#)