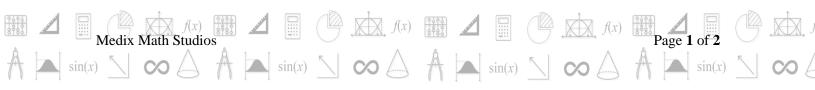
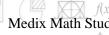


Algebra Checklist

I am able to:





























\square rewrite a quadratic expression in the form $a(x+h)^2 + k$ i.e., completing the square of a quadratic expression
□ solve quadratic equations algebraically □ formula □ factorization □ completing the square
\square solve a pair of equations in two variables when one equation is quadratic or nonlinear and the other linear
prove two algebraic expressions to be identical
\square represent direct and inverse variation symbolically \square y varies directly as x : $y \propto x$, $y = kx$ \square y varies inversely as x : $y \propto \frac{1}{x}$, $y = \frac{k}{x}$
☐ solve problems involving direct variation and inverse variation