

Example from:  
Module 4: Basic Operations with Polynomials  
Unit 2- Multiplying Binomials

Use FOIL to multiply:  $(5 - 2t)(s - t)$  Answer:  $5s - 5t - 2st + 2t^2$

Example from:  
Module 3: Algebraic Expressions  
Unit 3- Rules for Exponents

*Use the rules for exponents to simplify the following.  
Eliminate any negative exponents.*

$$\left( \frac{2^3 x^6 y^{-8}}{2^{-2} x^{-7} y^3} \right)^{-3}$$

Example from:  
Module 4: Basic Operations with Polynomials  
Unit 1- The Distributive Law

Use the distributive law to simplify:  $11r(4c - 2d) - 7s(c - 4d)$

Example from:  
Module 10: Rational Expressions  
Unit 4- Complex Rational Expressions

Simplify:  $\frac{\frac{xy}{3} + \frac{xy}{2}}{\frac{xy}{3}}$