

# Simplifying Polynomial Expressions

1. Using the [Digital Manipulatives](#), build the expressions in their split distributive property form and in their product of binomials form.

*If you have the Integer Block Kit and algebra inserts, you can also use these to complete this activity.*

A.  $x(x + 1) + 4(x + 1) = (x + 1)(x + 4)$

B.  $x(x - 2) + 3(x - 2) = (x - 2)(x + 3)$

