

Factoring $x^2 + bc + c$

1. Using the [Digital Manipulatives](#), factor the given polynomials.

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

2. Write the factored answer.

A. $x^2 + 3x + 2$

B. $x^2 - 7x + 12$

C. $x^2 + 6x + 8$

D. $x^2 + 5x - 14$

A. $(x + 2)(x + 1)$

B. $(x - 3)(x - 4)$

C. $(x + 4)(x + 2)$

D. $(x - 2)(x - 7)$