

Skill: Factoring Expressions**Investigation 2****Frogs, Fleas, and Painted Cubes**

Use the Distributive Property to factor each expression.

1. $x^2+8x+16$

2. d^2+8d+7

3. y^2+6y+8

4. b^2-2b-3

5. s^2-4s-5

6. $x^2+12x+32$

7. $x^2-9x+20$

8. x^2-5x+6

9. a^2+3a+2

10. p^2-8p+7

11. d^2+6d+5

12. n^2+n-6

13. $x(a-2)-2(a+2)$

14. $3(x+y) + a(x+y)$

15. $m(x-3) - k(x-3)$