

**In Exercises 3–8, factor the polynomial. (See Example 1.)**

3.  $x^2 + 8x + 7$

4.  $z^2 + 10z + 21$

5.  $n^2 + 9n + 20$

6.  $s^2 + 11s + 30$

7.  $h^2 + 11h + 18$

8.  $y^2 + 13y + 40$

**In Exercises 9–14, factor the polynomial.**

*(See Example 2.)*

9.  $v^2 - 5v + 4$

10.  $x^2 - 13x + 22$

11.  $d^2 - 5d + 6$

12.  $k^2 - 10k + 24$

13.  $w^2 - 17w + 72$

14.  $j^2 - 13j + 42$

**In Exercises 15–24, factor the polynomial.**

*(See Example 3.)*

15.  $x^2 + 3x - 4$

16.  $z^2 + 7z - 18$

17.  $n^2 + 4n - 12$

18.  $s^2 + 3s - 40$

19.  $y^2 + 2y - 48$

20.  $h^2 + 6h - 27$

21.  $x^2 - x - 20$

22.  $m^2 - 6m - 7$

23.  $-6t - 16 + t^2$

24.  $-7y + y^2 - 30$