

2.6

- 1) $x^2 + 5x + 6 = (x + 2)(x + 3)$
- 2) $u^2 + 5u + 4 = (u + 4)(u + 1)$
- 3) $x^2 - 6x + 8 = (x - 4)(x - 2)$
- 4) $x^2 - 5x + 6 = (x - 3)(x - 2)$
- 5) $y^2 + 7y + 12 = (y + 4)(y + 3)$
- 6) $x^2 - x - 132 = (x - 12)(x + 11)$
- 7) $x^2 + 10x + 24 = (x + 6)(x + 4)$
- 8) $y^2 - 8y + 15 = (y - 5)(y - 3)$
- 9) $z^2 + z - 90 = (z + 10)(z - 9)$
- 10) $x^2 + 4x - 12 = (x + 6)(x - 2)$
- 11) $x^2 - 8x + 7 = (x - 7)(x - 1)$
- 12) $3x^2 - 18x + 24 = 3(x^2 - 6x + 8) = 3(x - 4)(x - 2)$
- 13) $-y + y^2 - 12 = y^2 - y - 12 = (y - 4)(y + 3)$
- 14) $6 - 7z + z^2 = z^2 - 7z + 6 = (z - 6)(z - 1)$
- 15) $x^2 + 12 - 8x = x^2 - 8x + 12 = (x - 6)(x - 2)$