

## Sec. 3.5 – Polynomials of the Form $x^2 + bx + c$

1. Expand and simplify.

a)  $(c + 3)(c - 7)$

b)  $(5 - s)(9 - s)$

2. Factor each trinomial.

a)  $x^2 - 8x + 7$

b)  $a^2 + 7a - 18$

2. Factor:  $-30 + 7m + m^2$

4. Factor.

$$-5h^2 - 20h + 60$$