Sec. 3.8 – Factoring Special Polynomials

1. Factor each trinomial. Verify by multiplying the factors.

a) $36x^2 + 12x + 1$

b) $16 - 56x + 49x^2$

2. Factor each trinomial. Verify by multiplying the factors.

a) $5c^2 - 13cd + 6d^2$

b) $3p^2 - 5pq - 2q^2$

3. Factor each binomial.

a) $81m^2 - 49$

b) $162v^4 - 2w^4$