Algebra 1

Name_____ ID: 1

Factoring a trinomial with a common factor

Date_____ Period____

Factor out the common factor, then factor the trinomial and determine the zeros.

1) $3p^2 + 18p + 27$

2) $2x^2 + 4x - 16$

3) $3n^2 + 9n - 30$

4) $2v^2 - 4v - 16$

5) $3n^2 + 6n - 45$

6) $3n^2 - 3n - 6$

7) $2p^2 - 6p - 140$

8) $5a^2 + 30a - 135$

9) $3x^2 + 6x - 9$

10) $5x^2 + 30x - 80$