

Directions: Completely factor

~~HW Solutions to Friday homework Week 10~~  
Week 11 Monday homework

1. $3c^2 + 10c + 8$ $(3c + 4)(c + 2)$	2. $10c^3 + 10n^3$ $10(c + n)(c^2 - cn + n^2)$
3. $z^3 - 2z^2 - 15z$ $z(z - 5)(z + 3)$	4. $c^4 - 1$ $(c^2 + 1)(c + 1)(c - 1)$
5. $m^3 + m$ $m(m^2 + 1)$	6. $8a^2 + 22ac + 9c^2$ $(4a + 9c)(2a + c)$
7. $w^3 - 3w^2 + 4w - 12$ $(w^2 + 4)(w - 3)$	8. $4z^2 - 100$ $4(z + 5)(z - 5)$
9. $12x^2 - 5xy - 2y^2$ $(3x - 2y)(4x + y)$	10. $2cd^2 - 3cd - 20c$ $c(2d + 5)(d - 4)$