Name : _____

LCM - Polynomials

Find the least common multiple.

1) $b(d - 1) + c(d - 1), d^2 - 2d + 1$

2) $m^2 - 3m + 9, (m^3 + 27)^3, 2m^5 + 54m^2$

LCM = _____

LCM = _____

3) $11u^7v^4, 8u^5v^5 - 4u^4v^6 + 22u^3v^5$

4) $15r^2s^3, 20r^3s^5 + 15rs^8$

LCM = _____

LCM = _____

5) $(h^2 + 5)^5, (6h^5 + 30h^3)$

$2w^2 + 13w + 20$

LCM = _____

LCM = _____

7) $(p - q)(p^2 + pq + q^2),$

$t^2 - 29t - 10, 3t^2 - 20t - 7$

LCM = _____

LCM = _____

9) $k^9, k^2 - 64, k^2 - 16k + 64$

10) $y^2z^2 - 81, (yz - 9)(y^2z^2 + 18yz + 81)$

LCM = _____

LCM = _____