

Name : _____

LCM - Polynomials

L1S3

Find the least common multiple.

1) $7c^5(c^2 + c + 8), 21c^4(c^2 + c + 8)^2$

2) $(7g + 1)^3, (7g + 1)^7, (7g + 1)^2$

LCM = _____

LCM = _____

3) $(p + q)^5(p + 2), (p + 2)^2(p + q)^4$

4) $6m^4n^7(mn + 2m - 4n), 10m^9n^5$

LCM = _____

5) $20y^7(-y^2 + 10), 15x^6y^4$

$(d^7 + 9)^3$

LCM = _____

7) $12a, 3a^2(4a - 5)^2, 20a^3$

$(t^7)^7, u^6v^2(t + u + v)$

LCM = _____

LCM = _____

9) $u(uv + 1)(-2u + 6v^3)^8, v(6v^3 - 2u)^2$

10) $8(-r^2 + 8)^7, 28(3rs + 5s - 8)(-r^2 + 8)$

LCM = _____

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