

Name : _____

LCM - Polynomials

L2S5

Find the least common multiple.

1) $w^2 - 8w + 16, 7w^2 - 23w - 20$

2) $28q^6r^4, 21q^5r^5 + 7q^4r^6 + 14q^3r^7$

LCM = _____

LCM = _____

3) $8g^3 - h^3, (4g^2 + 2gh + h^2)^3$

4) $a^3 + d^3 - 2a^2d - cd + d^2$

LCM = _____

5) $(27m^3 + n^3)^2, (18m +$

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$+ 33s^2)(s + 5)$

LCM = _____

7) $t^2u^2 + 2tuv + v^2, (tu +$

$)^2 - 9$

LCM = _____

LCM = _____

9) $20k^7, (34k^5 + 40k^3)^3$

10) $49p^2 - 16, (7p - 4)^9$

LCM = _____

LCM = _____