

Name : \_\_\_\_\_

## LCM - Polynomials

L1S4

Find the least common multiple.

1)  $8p^9qr(-5p^2 + q^2 + pq), 2qr^5, 4q$

2)  $d^6(6c + d)^8, cd^4(6c + d)^7$

LCM = \_\_\_\_\_

LCM = \_\_\_\_\_

3)  $9(v^2 + 3v + 12)^8, 6(v^2 + 3v + 12)^7$

4)  $5x^9y^4z^3(2x + 3y + 4z)^3, 2x^7y^8z^8$

LCM = \_\_\_\_\_

\_\_\_\_\_

5)  $(x^4 - y^3)^2, (y^5 + xy + x)$

$4a^6b(a + b)$

LCM = \_\_\_\_\_

\_\_\_\_\_

7)  $27g^8(-h^2 + g - 2h)^4, 9$

$2w^3 - 6)(w - 1)^7$

LCM = \_\_\_\_\_

LCM = \_\_\_\_\_

9)  $14k^3(k^2 - 8)^7, 7k^4(k^2 - 8)^6$

10)  $4mn, (10m - 2n)^2, 6mn(10m - 2n)^3$

LCM = \_\_\_\_\_

LCM = \_\_\_\_\_

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