

Name : _____

LCM - Polynomials

Sheet 2

Find the least common multiple of each pair of polynomials.

1) $20u(v - w + 1)^9, 72u(v - w + 1)^6$

LCM = _____

2) $5(x^4 + 5), 35(x^4 + 5)^7$

LCM = _____

3) $7(n - 5)^2, 2m(n^2 - 5^2)$

LCM = _____

4) $62(n + a - 1)^6, 12(p - q)$

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

LCM = _____

7) $84c(f + 10), 8d(f + 5)^9$

LCM = _____

9) $10(a + b - 6)^7, 45(b - 6 + a)$

LCM = _____

10) $68t(u - 17), t(u - 17)^6$

LCM = _____

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LCM - Polynomials

Find the least common multiple of each pair of polynomials.

1) $20u(v - w + 1)^9, 72u(v - w + 1)^6$

LCM = $360u(v - w + 1)^9$

2) $5(x^4 + 5), 35(x^4 + 5)^7$

LCM = $35(x^4 + 5)^7$

3) $7(n - 5)^2, 2m(n^2 - 5^2)$

LCM = $14m(n - 5)^2(n + 5)$

4) $62(n + a - 1)^6, 12(p - q)$

LCM = $12(n + a - 1)^6(p - q)$

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

LCM = $3xy(z + 9)^7(z - 9)^2$

7) $84c(f + 10), 8d(f + 5)^9$

LCM = $168cd(f + 10)(f + 5)^9$

9) $10(a + b - 6)^7, 45(b - 6 + a)$

LCM = $90(a + b - 6)^7$

10) $68t(u - 17), t(u - 17)^6$

LCM = $68t(u - 17)^6$

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