

Name : _____

LCM - Polynomials

L1S5

Find the least common multiple.

1) $m^3n(-8m - 3)^6, m^5n(-8m - 3)^3$

2) $q^5r^7s(q + 6)^8, q^9r^3s^5$

LCM = _____

LCM = _____

3) $x(4x + 7y), y(xy + 9x - 4y)$

4) $3x^2y^3 + 4xy^2 + 5x^3y^2 + 6uv^3$

LCM = _____

5) $14(-h^2 - 8)^2, 7(-h^2 - 8)$

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$(-2w^5 + 6)^6, 4w$

LCM = _____

7) $24cd^7(d^2 - c)^2, 4c^4d$

$5(-t^2 + 2)^8$

LCM = _____

LCM = _____

9) $9z^8(z^3 + z + 6)^5, 5z^2(z^3 + z + 6)^5$

10) $(a - 4)(8b^2 - 14)^4, (8b^2 - 14)^3(a - 4)^4$

LCM = _____

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