

Name : _____

LCM - Polynomials

L2S2

Find the least common multiple.

1) $36k^3, 4k^7 + 72k^6 + 60k^5$

2) $8u^5 + 27u^2v^3, 2u^6 + 3u^5v$

LCM = _____

LCM = _____

3) $x(z-3) + y(z-3), z^2 - 6z + 9, x^2 - y^2$

4) $(4x + 14x^2 + 21x^3) \cdot w^2 + 4w - 21$

LCM = _____

5) $rst^8, (r^4s^2t + r^3s^2)^2$

$m^2 + 8m + 16, n^2 - 9n + 14$

LCM = _____

7) $(3d + 2)^4, 3d^2 + 20d + 11$

b^3c^3

LCM = _____

LCM = _____

9) $(g + h)(g^2 - 2gh + h^2), (g - h)(g^2 + 2gh + h^2)$

10) $22a^4, 10a^3 + 18a^2, 5a^2 + 14a + 9$

LCM = _____

LCM = _____

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