

Name : _____

GCF - Polynomials

L2S2

Find the greatest common factor.

1) $28mn(m - 2n), 49n(m^3 - 8n^3)$

2) $(d^2 - 11d + 28)^3, (d - 4)^5$

GCF = _____

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3) $36u^2 - 49v^2, 21(6u^2 + 7v^2)$

4) $18(u^2 - 81v^2), 72(w^2 + 9)^2(w + 9x^2)$

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5) $(s^2 + t^2)^7, (s^2 + t^2)^8,$

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$12y^2(y^2 + 3y - 18)$

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7) $55pq^3r(p^2 + pq), 5$

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$48g^6h^2(g^2 - 2g + 4)$

GCF = _____

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9) $4z^2 - z - 18, (4z - 9)^4, 4z - 9$

10) $62a^6(b^2 - 2bc + c^2)^4, 80a^5(b - c)^7$

GCF = _____

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