

Name : _____

GCF - Polynomials

L1S4

Find the greatest common factor.

1) $10(cd + c)^6, 20(d + cd)^4(c - d)$

2) $2g^3(3g - 4h)^5, 3g^2h(3g - 4h)^2$

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3) $8(u - vu^3)^3, 20u^7(u - v)^4(u - vu^3)^4$

4) $12mn^5(m - n - 6), 2m^6n(m - 6), 24mn$

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5) $6k^7(k - 7), 12k^6(k - 7)$

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7) $(p + 6)(p - 6), p$

$(x + y)^7, 25y^7z(y + z)^6$

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9) $v^2wx^3(x^2 + 2x - 5)^5, v^4w^2x(x^2 + 2x - 5)^3$

10) $21(2t^2u + 3s)^6, 15(2t^2u + 3s)^2$

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